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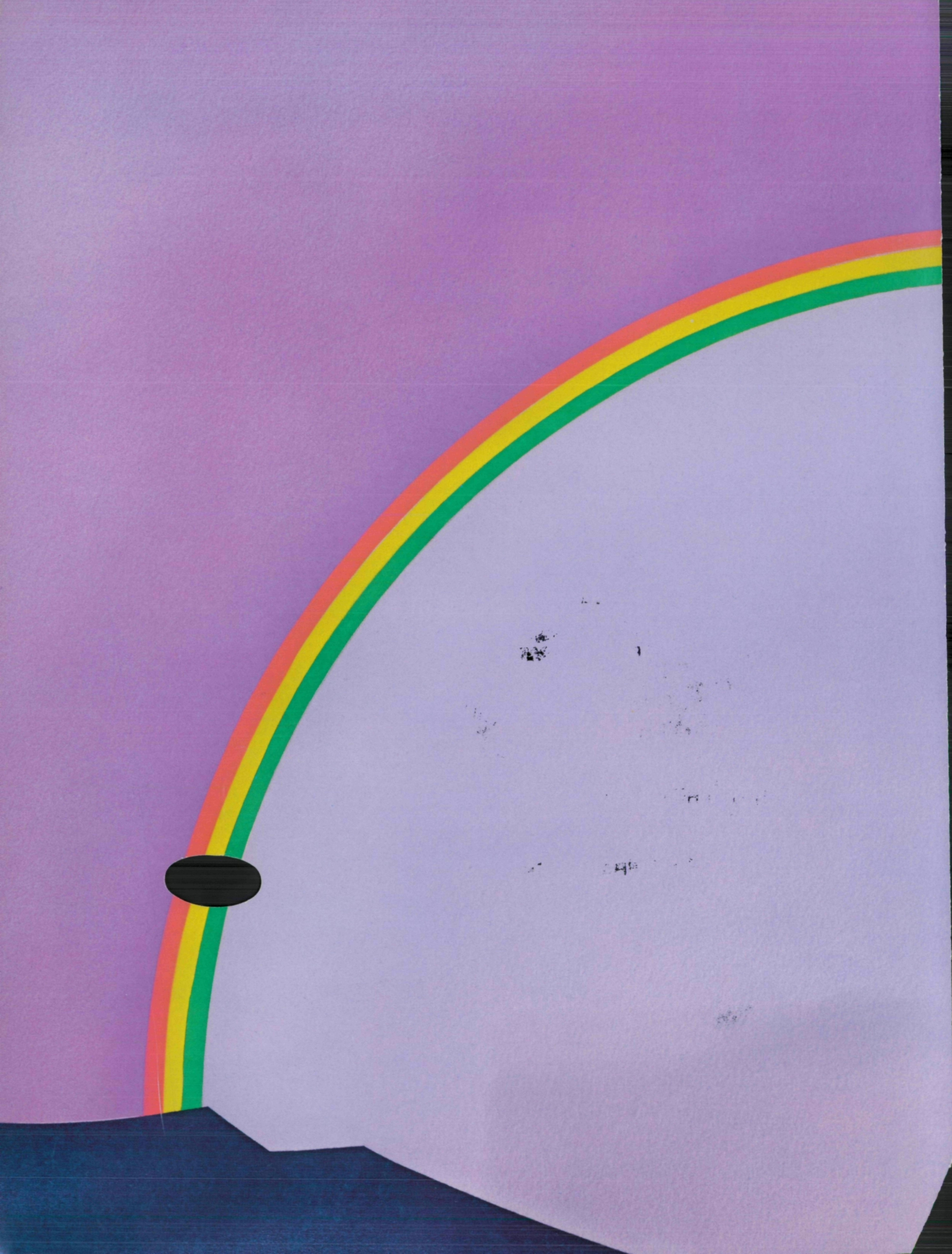
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Profiles of Excellence







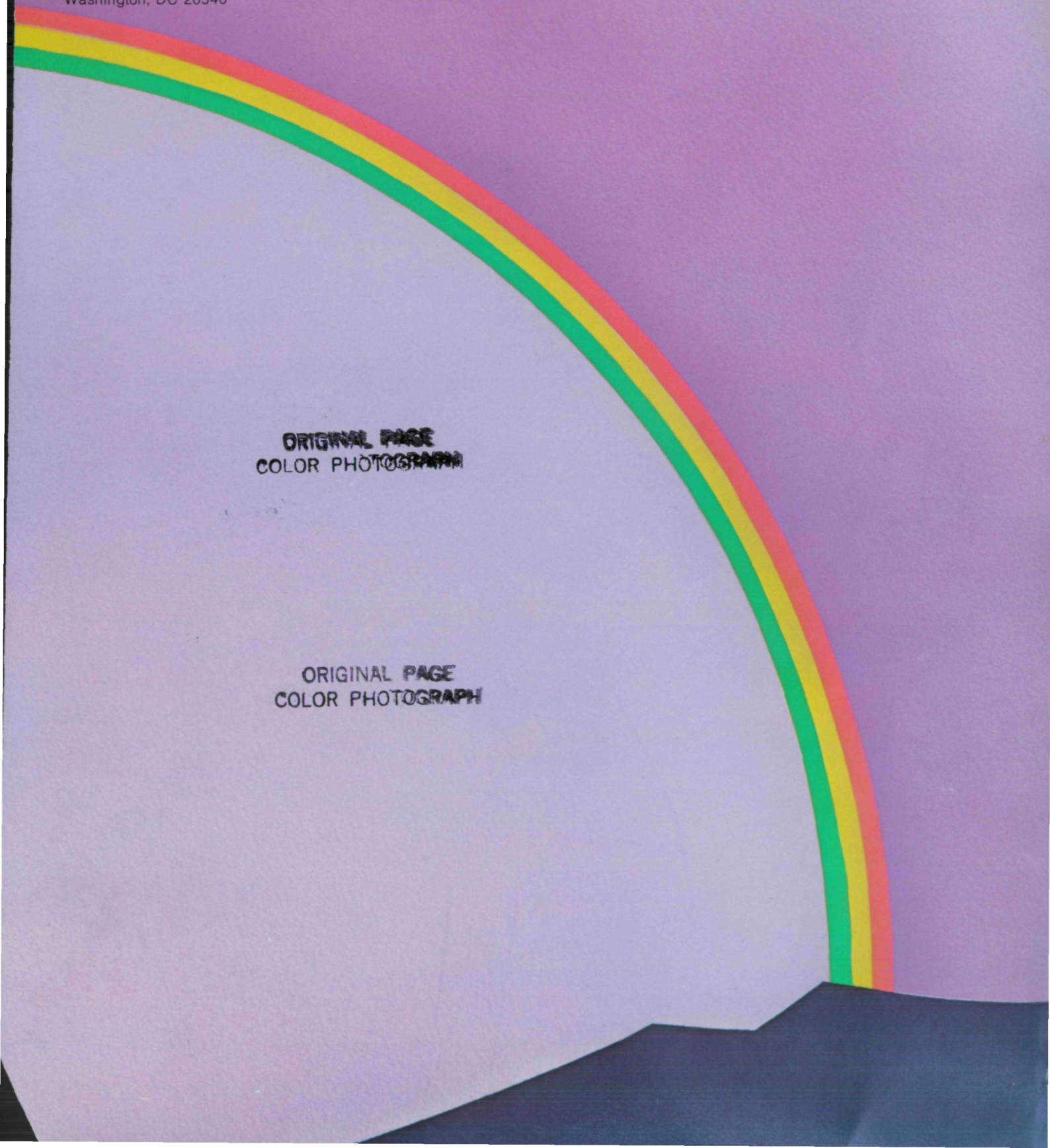
National Aeronautics and
Space Administration

Public Affairs Division
NASA Headquarters
Washington, DC 20546

Profiles of Excellence

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The men and women whose pictures appear on the pages that follow are but a few of those minority group employees who work at NASA's 11 major installations, and who have contributed significantly to the agency's many dramatic and successful programs. Typical of the agency's programs are:

- Communications, Earth survey and weather satellites to improve human life here on Earth
- Unmanned deep space probes of the planets and beyond
- Aeronautics programs to improve aircraft performance, safety, and noise abatement
- Application of the Agency's technology
- Space Shuttle Orbiter, the heart of NASA's Space Transportation System for the 80's and beyond

We are proud of the individuals depicted here, as well as of the many persons not pictured whom they represent.

Dr. Harriett G. Jenkins
Assistant Administrator
Office of Equal Opportunity Programs



Paintings for cover and title page
by Reza Seyedin, 1981



Dr. Harriett G. Jenkins

**Assistant Administrator for
Equal Opportunity Programs**

Dr. Jenkins earned a B.A. degree in Mathematics from Fisk University, an M.A. in Education and a Doctorate of Education in Policy, Planning and Administration from the University of California at Berkeley, and she completed the Advanced Management Program of Harvard Business School.

During her distinguished professional career, Dr. Jenkins served for 19 years as a public school educator in Berkeley, California, before reaching the post of Assistant Superintendent for Instruction. She has been a leading participant in many activities on human rights, education and public administration. She has been an expert on

matters of desegregation and integration of schools and on in-service programs for teachers.

Dr. Jenkins has been with NASA since 1974. In 1977, NASA honored Dr. Jenkins with that agency's highest award, the Distinguished Service Medal. She received the Civil Service Commissioners' Award for Distinguished Service for her work in the Personnel Management Project and Federal Government Reorganization Project. In 1978, she was honored by the Montgomery County Branch of the NAACP in their salute to women for her contributions to the betterment of humankind in the struggle for social quality. She received the 1979 Affirmative Action Award for excellence in management, leadership and public service from the Long Island Chapter of the American Society of Public Administration at C.W. Post Center, Long Island University. In 1980 Dr. Jenkins received the Presidential Rank for Meritorious Executive for sustained accomplishment in the Senior Executive Service and she received NASA's Outstanding Leadership Medal in 1981.

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*First Black American in Space

UNIVERSITY OF TEXAS AT AUSTIN



Kenneth S. Ahmie

Received a B.S. degree in Mechanical Engineering from the University of Arizona in Tucson, AZ.

Ahmie joined NASA's Kennedy Space Center in 1963 as a Mechanical Engineer. Presently he works in the propellants and gasses branch where he is section chief of the spacecraft and storables section. Ahmie has received several awards among which are the NASA Group Achievement Award, the Certificate of Commendation, and the Exceptional Service Medal.

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Harrison Allen, Jr.

A graduate of Cleveland State University, Mr. Allen received a Bachelor of Science degree in Chemical Engineering. He has also done graduate work at Case Western Reserve University.

Allen is the Technology Utilization Officer at the Lewis Research Center where he has specialized in the fields of high energy fuels, supersonic combustion, and solid rocket ignition. He has written many technical papers and holds a U.S. patent on the ignition of solid propellant rocket motors.



Jose Alonso

Joined NASA right out of school in 1971 taking a position of optical physicist in the Optics Branch at Goddard Space Flight Center. Alonso was involved with the development of computer programs to evaluate Space Telescope designs. He took a year's leave from NASA in 1973 to complete his master's work in Solid State Physics. He transferred to KSC in 1974 to work for the Electrical Systems Design Branch with the responsibility for design of the KSC Utility and Energy Monitoring Control System. Presently, he is a project engineer with the KSC Energy Projects Office, a position that he has held since April 1980.

Alonso is a member of the American Association of Energy Engineers (AEE).

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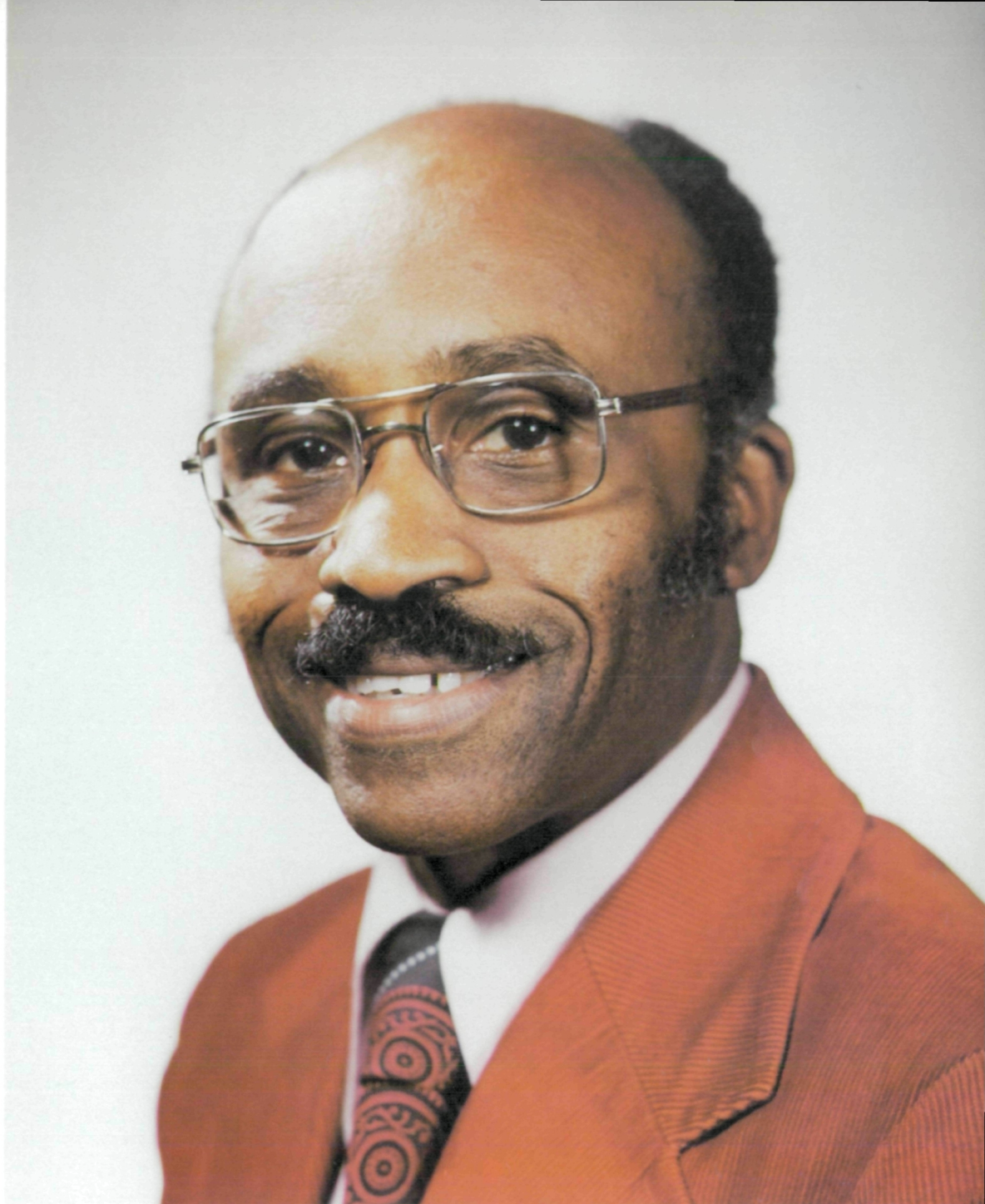
Lewis E. Andrews

A graduate of Alabama A & M University with a B.S. degree in Mathematics and Chemistry, Andrews also received an M.S. degree in Systems Management from the University of Southern California.

Andrews began his career in the field of environmental management as a space scientist at NASA's Marshall Space Flight Center where he conducted research and managed studies on natural environmental parameters for space flight missions. He is currently an environmental manager at NASA Headquarters. His duties include managing NASA activities under the National Environmental Policy Act, Executive Order 12088, and various environmental conservation laws and regulations.

Andrews has received several honors and was recently selected to attend the Office of Personnel Management Executive Seminar at Oak Ridge, Tennessee.

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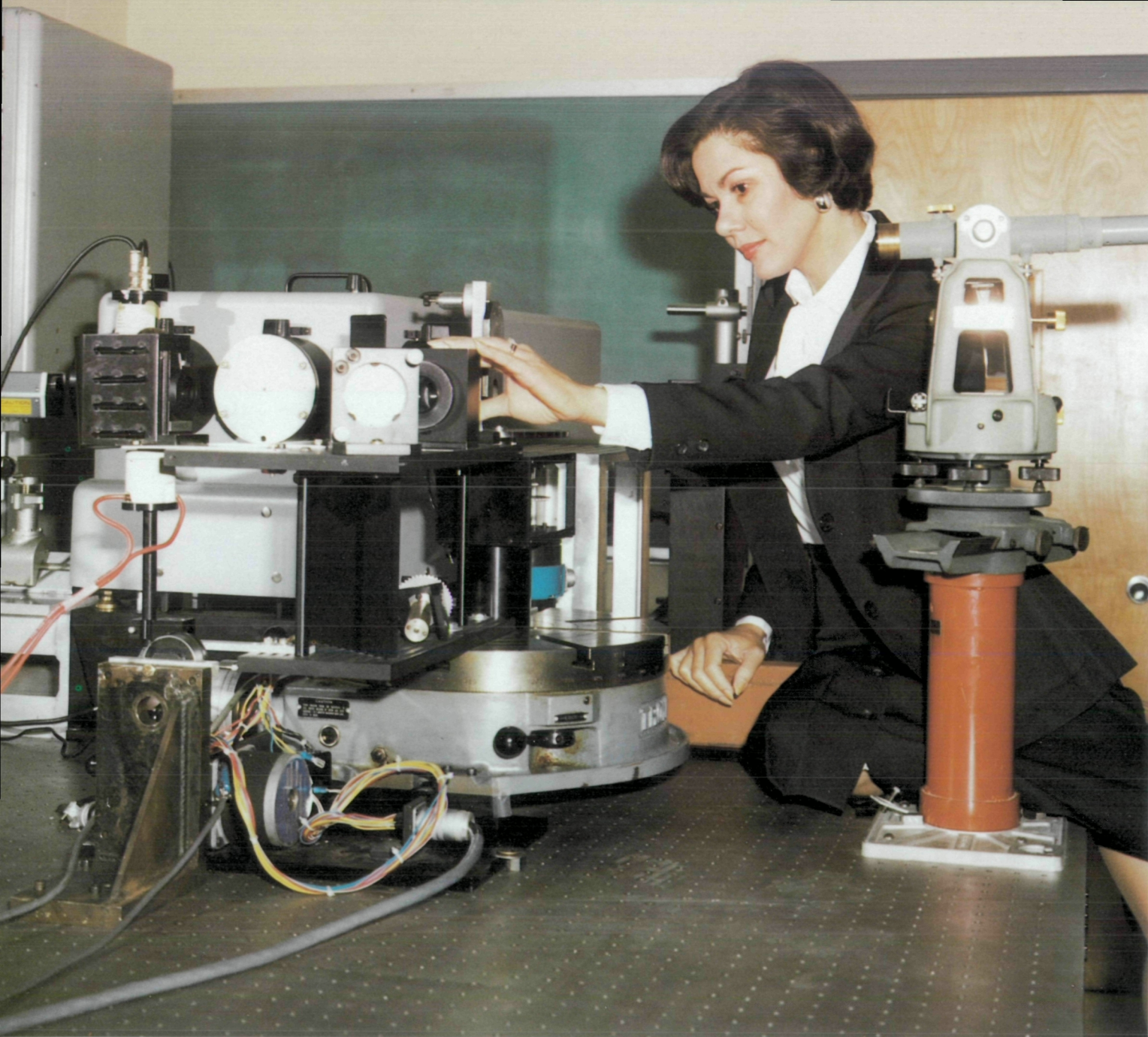


Dr. Albert C. Antoine

Received his B.S. degree from the City College of New York in 1946 and was awarded his doctorate in Chemistry from Ohio State University in 1953.

Dr. Antoine joined the NASA Lewis Research Center staff in 1954. He has conducted research on the synthesis of high-energy fuels for jet aircraft, the physical properties and combustion characteristics of rocket fuels, and the thermodynamic properties of alkali-metal liquid amalgams. He served as project manager involving basic investigations of batteries. He was also responsible for a program to evaluate instruments designed for identifying and measuring organic constituents in airborne particulate matter. Dr. Antoine is presently responsible for the characterization of jet fuels. He is a member of the American Chemical Society and is listed in American Men of Science.

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Carmen E. Batten

Received a Bachelor of Arts degree in chemistry from the College of Notre Dame in California; Batten has completed graduate work in radioisotope techniques at the University of Puerto Rico.

A native of San Sebastian, Puerto Rico, Ms. Batten began working for NASA in 1960 as a research engineer at the Langley Research Center. She has worked as an analytical chemist in the Applied Materials and Physics Division. She is currently working as a research chemist in the Marine and Applications Technology Division. She is the principal investigator of a research project to study optical properties of aerosols. Batten has received a U.S. patent for an optical property measuring instrument, two Technology Utilization Awards for NASA Tech Briefs, and a Special Achievement Award.

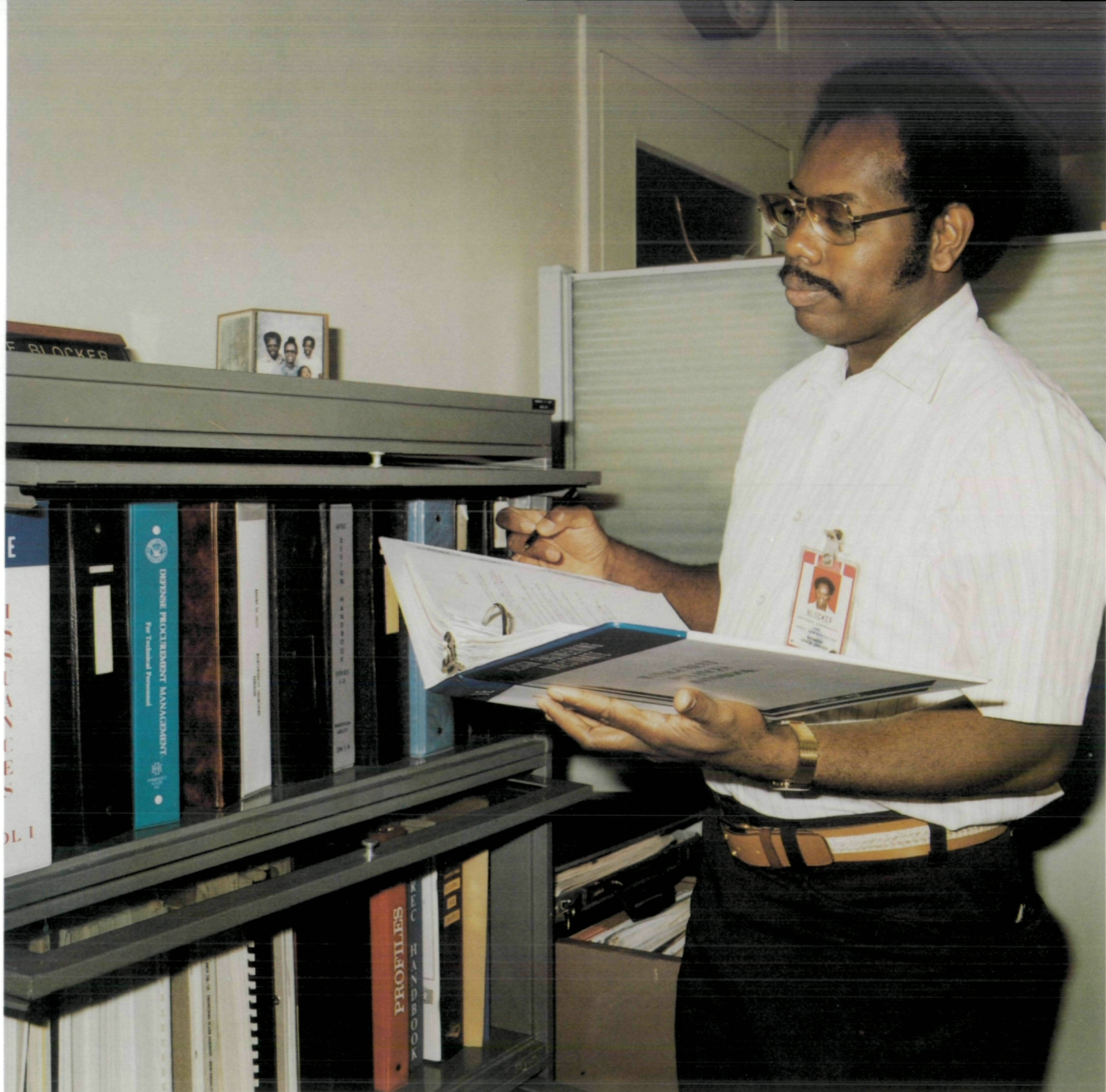


Ruth P. Blair

A graduate of Loyola University, New Orleans, LA, where she received a degree in Business Administration, Mrs. Blair also studied at Dillard University.

A native of New Orleans, Blair began working with NASA as a management technician at the Marshall Space Flight Center in 1964. She was selected for participation in the Specialty Training for Entry Professionals Program (STEP) as a program analyst in 1975. Ruth works as a contract specialist, a position which she acquired through Marshall's Professional Intern Program in 1976.

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Lonnie Blocker

Received a Bachelor of Science degree in Mathematics/Chemistry from Bethune-Cookman College in Daytona Beach, FL in 1963. Mr. Blocker also received a Master of Commercial Science degree in General Management in 1969 from Rollins College, Winter Park, FL.

Blocker began working for NASA as a technical management specialist at Kennedy Space Center in 1963. He is currently working as an aerospace technologist in the Design Engineering Directorate at Kennedy Space Center where he coordinates design engineering policies, plans and procedures and the development, coordination, and maintenance of the STS/Cargo facility, systems, and equipment baseline.

He is active in the community and has received several awards for his civic accomplishments.



Lt. Col. Guion S. Bluford, Jr.

Born in Philadelphia, Pennsylvania, Col. Bluford received a B.S. degree in Aerospace Engineering from Pennsylvania State University and an M.S. and Ph.D. in Aerospace Engineering from the Air Force Institute of Technology.

Col. Bluford graduated from Penn State University in 1964 as a distinguished Air Force ROTC graduate. He then proceeded to pilot training at Williams Air Force Base, Arizona, where he received his pilot wings in January, 1965. Immediately following, he went to F-4C combat training in Arizona and Florida. In 1967, he served as a T-38 pilot and 1971 as an executive support officer to the Deputy Commander of Operations at Sheppard Air Force Base.

Upon graduating from the Air Force Institute of Technology in 1974, he was assigned to the Wright-Patterson Air Force Base, as a Staff Development Engineer. He served as Deputy for the Aeromechanics Division and as Branch Chief of the Aerodynamic and Airframe Branch Laboratory. He has written and presented several scientific papers in the area of computational fluid dynamics.

Col. Bluford was selected as an astronaut candidate by NASA in January 1978. He completed a 1-year training and evaluation period in 1979 and served as a mission specialist on Shuttle Flight Number 8 in 1983.

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Charles F. Bolden, Jr.

Received a B.S. degree in Electrical Science from the United States Naval Academy and an M.S. degree in Systems Management from the University of Southern California.

Major Bolden began his career as a second lieutenant in the U.S. Marine Corps. In 1970 he underwent flight training and became a naval aviator. In 1973, he flew more than 100 sorties while assigned in Thailand. Upon return to the United States, Bolden began a tour as a Marine Corps selection and recruiting officer. In 1979, he graduated from the U.S. Naval Test Pilot School, and was assigned to the Naval Test Aircraft Directorates. He has logged more than 2,600 hours flying time including 2,300 hours in jet aircraft.

Major Bolden was selected as an astronaut candidate by NASA in May 1980 and, in July 1981 completed a 1-year training and evaluation program—making him eligible for assignment as a pilot on future space shuttle flight crews.



Henry W. Brady

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Received a B.A. in Business Administration from the University of the East under the U.S. Air Force "Operation Bootstrap Program" at George Washington University.

Mr. Brady was first employed by NASA from 1962 to 1966 at the Johnson Space Center as a contracting officer for the Office of Procurement. He then transferred to Headquarters as Head, Administration Section of the Office of Grants and Research Contracts. Later he served as a procurement staff officer, co-located with the Office of Space Science and Applications and Office of Manned Space Flight. Currently, he is a procurement staff officer, co-located with the Office of Aeronautics and Space Technology and Office of Space Tracking and Data Systems. He has been very active in Equal Employment Opportunity (EEO) affairs since 1974; as a member of the EEO Advisory Group; member of the Federal Women's Program Committee; EEO Counselor, and assists in the Hispanic Program. He received an award for contributions in EEO.



Charles A. Brown

Received an Associate degree in Engineering Drafting from Franklin University (Columbus, Ohio) and a B.S. degree in Aeronautical Engineering from Tri-State University (Indiana). He has also received an M.B.A. degree in Business from Golden Gate University.

Brown joined NASA in 1977 as a Data System Engineer at the Dryden Flight Research Facility. Presently he serves as Shuttle Facilities Manager where his responsibilities include the technical management and coordination of the activation and validation of shuttle facility systems, conducting major tests, and the development and maintenance of shuttle facilities operational schedules.



Madeline Justiniano Butler

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Received a B.S. degree in Mathematics from the University of Puerto Rico at Mayaguez. Upon graduation, worked as statistical officer in the University's regional college in Aquadilla for two years, and as mathematics instructor for 1 year. Ms. Justiniano joined the Goddard Space Flight Center in January 1977, and shares the Network Tracking Program Section's responsibility for the development, delivery, operational maintenance, and support of all remote site acquisition and tracking computer programs that the Space Flight Satellite Tracking Data Network (STDN) used in Mission Support. The STDN is a 2 million mile system of instantaneous voice and data circuitry that ties together 21 tracking sites and 11 countries of the Free World.



Efren Calvillo

Served in the U.S. Navy from 1954 to 1957 as a fire control technician. Attained rank of Petty Officer Second Class.

Attended Pan American College and the University of Texas. Graduated from the University of Texas in 1962 with a B.S. degree in electrical engineering.

Since joining NASA in 1962, has worked in ground support of flight control activities, ground systems simulation, and telemetry and command systems. Calvillo's most recent work has been in ground based computer systems. Present position is head of the Computer Systems Section supervising other engineers in the acquisition, installation, checkout, and reconfiguration of the main computer systems in the Mission Control Center at the Johnson Space Center.



Amador Capellin

Received a B.S. degree in Aeronautical Engineering from Embry-Riddle Aeronautical University and has done some graduate work in aeronautical engineering at the University of Central Florida.

Capellin is a systems engineer at the Kennedy Space Center where he has design responsibility for the environmental control and air conditioning systems and the dry nitrogen purges for space flight vehicles.

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Lawrence J. Caw

A graduate of Wichita University in Kansas in 1962 with a B.A. degree in Mathematics and Physics, Mr. Caw has done graduate work at UCLA and USC in Aerospace Engineering, Mathematics, Computer Science, and Business Management.

Born in Wichita, Kansas, Caw joined NASA's Dryden Flight Space Research Facility in 1962 as a simulation engineer. Since then he has worked as a computer operations engineer, a flight test engineer, and a manager for the Advanced Fighter Technology Integration Mission Adaptive Wing Research Program.



Dr. Franklin Ramon Chang

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Born in San Jose, Costa Rica, Dr. Chang received a B.S. degree in Mechanical Engineering from the University of Connecticut and a Ph.D. in Applied Plasma Physics from the Massachusetts Institute of Technology in 1977.

While attending the University of Connecticut, Chang worked as a research assistant in the Physics Department and participated in the design and construction of high energy atomic collision experiments. In 1973, after entering MIT, he became involved in the U.S. controlled fusion program and did intensive research in the design and operation of fusion reactors. He also has worked at the Charles Stark Draper Laboratory and has presented numerous papers at technical conferences and in scientific journals. Chang was selected as an astronaut candidate by NASA in May 1980 and in July 1981 completed a 1-year training and evaluation program making him eligible for assignment as a mission specialist on future space shuttle flight crews.



Dr. Nitza M. Cintron

Born in San Juan, Puerto Rico, Dr. Cintron obtained a B.S. degree from the University of Puerto Rico, majoring in chemistry and biology, and subsequently continued her studies at John Hopkins University School of Medicine where she received her doctorate in Biochemistry and Molecular Biology.

Dr. Cintron is presently a research biochemist at the NASA Johnson Space Center, where she is primarily responsible for research programs focused on the understanding and eventual control of the biochemical and physiological imbalances related to space flight. Dr. Cintron's scientific work, principally in bioenergetics, has been the subject of papers presented at various International Congresses of Biochemistry.



Henry J. Clarks III

Born in Charenton, Louisiana, received his B.S. in Electronics from Southern University, and his MSA in Management Engineering from George Washington University. He has done post-graduate work at George Washington University and Virginia Polytechnic Institute in Systems Engineering. He was selected as a NASA Headquarters nominee to attend the Graduate School of Business Administration at Harvard University.

At NASA, he is responsible for the development and negotiations of launch agreements with domestic and international customers for expendable launch vehicle launchings of communications satellites, and for assisting in the development of agreements for similar Space Shuttle launchings. His customers include Italy, Japan, Canada, etc. He has received numerous awards including NASA's Outstanding Performance, Superior Accomplishment, and Sustained Superior Performance awards.

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Katherine L. Clinton

Mrs. Clinton is a graduate of Albany State College, Albany, Georgia. She has also done graduate work at Florida Institute of Technology.

Mrs. Clinton is an electrical engineer at the Kennedy Space Center in the Electrical Systems Branch of the Experiments Processing Division. Her responsibilities include the development of mission dependent ground application software for the Spacelab Payload Checkout Unit and for the High Data Rate Mix Interface Test System/Experiment Checkout Equipment Processor (HITS/ECEP). She also acts as a liaison with the experimenters for the resolution of technical problems that may arise. Mrs. Clinton is the first black female engineer hired at Kennedy Space Center.



David Correa

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A graduate of the New Jersey Institute of Technology, Mr. Correa received a B.S. degree in Mechanical Engineering. He also holds an M.S. degree in Engineering Management from Florida Institute of Technology.

Mr. Correa began working for NASA in 1976. He is an aerospace technologist at the Kennedy Space Center, Florida and is responsible for performing professional engineering tasks associated with the design, development, fabrication, and installation of space vehicle launch support equipment.

Correa is a member of the American Society of Mechanical Engineers, the Society of Automotive Engineers, and a member of the Aircraft Owners & Pilots Association. He is an active member of the Merritt Island Jaycees and the Civil Air Patrol.

He has accumulated over 3,000 hours of flying as a commercial pilot. Presently he holds an instructor's rating for single, multi-engine, instrument airplanes in both land and sea types.

Correa's favorite pastime, besides flying, is educating young people in the fields of mathematics and aeronautics.



R.V. Cortez

Received B.S. degree from the California State University and has done graduate work at Berkeley and the University of Florida. Started work with the U.S. Government at Mare Island Naval Shipyard; has since worked at the Kennedy Space Center, Goddard Space Flight Center and is presently located at NASA Headquarters where he serves as Real Time Support Computing Program Manager in the Office of Space Tracking and Data Systems. He is an IEEE member and holds a professional engineer's license from the State of Florida.



Victoria J. Crawford

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Attended the University of Alabama in Huntsville, Crawford began working at NASA in 1974 at the Marshall Space Flight Center as a part-time student aide in the personnel office. While attending school, she worked as a clerk typist and has progressed over the years to the position of Personnel Management Specialist. Her responsibilities include assisting management personnel in recruiting, staffing and out-placements of NASA employees.



Dr. Christine V. Mann Darden

A graduate of Hampton Institute with a B.S. degree in mathematics, Darden has received a Master of Science degree in mathematics from Virginia State College. She has done extensive graduate work at the University of Virginia and the College of William and Mary, and was recently awarded a Doctor of Science degree in Mechanical Engineering at George Washington University.

Ms. Darden joined NASA in 1967 as a data analyst at the Langley Research Center. She is now an aerospace engineer in the high-speed aerodynamics division. Darden is the author of several technical papers and is a member of Langley's Exchange Council. She is a member of the American Institute of Aeronautics and Astronautics (AIAA) and is an officer in the Hampton Roads Chapter of the National Technical Association (NTA).



Maria de Los Angeles Bosque

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Received a B.S. degree in Chemical Engineering from the University of Puerto Rico. Presently she is attending graduate school at the University of Toledo through the Lewis Graduate Study Program.

Maria works as an aerospace engineer in the Aerothermodynamics and Fuels Division of the Combustion Branch at the Lewis Research Center. She has been involved in research programs whose main objective has been to generate new technology involving turbine combustion chambers. At the present time she is the project engineer of an experiment. Her duties include the design and procurement of research hardware, testing, and data evaluation.



Hector N. Delgado

A graduate of the University of Miami, where he received a B.S. degree in Civil Engineering.

Delgado received a certificate of appreciation from the American Society of Civil Engineers in 1973 and joined NASA's Kennedy Space Center in 1979 as a flight systems test engineer. He is responsible for the solid rocket motor mechanical and structural systems and the solid rocket booster optical alignment.



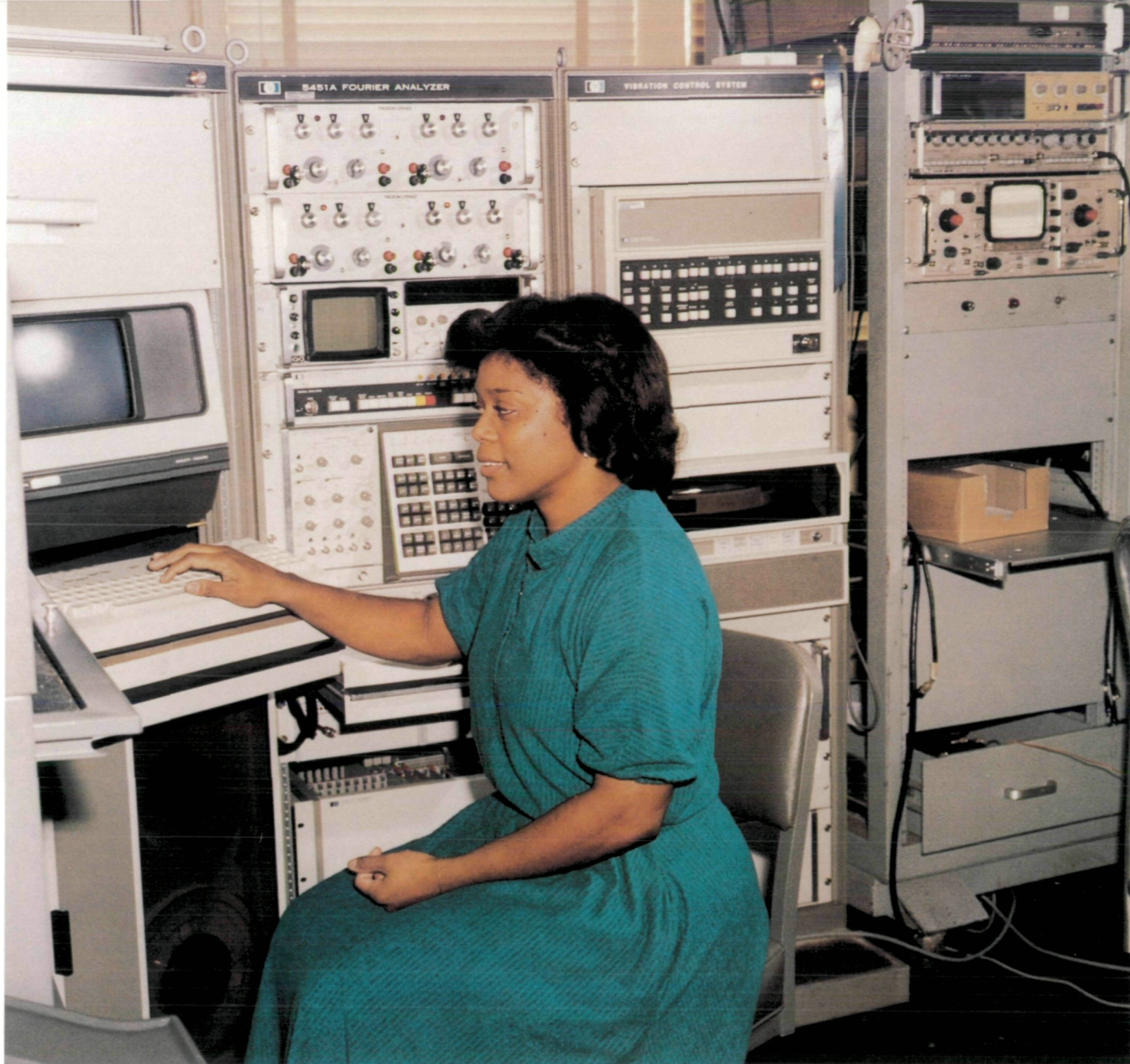
Dr. Julian M. Earls

A graduate of Norfolk State College with a B.S. degree in Physics, Dr. Earls also holds an M.S. in Physics from Univ. of Rochester; M.S. in Environmental Science and Ph.D. in Radiation Physics from the University of Michigan.

A native of Portsmouth, Va., Dr. Earls joined NASA at the Lewis Research Center in 1965. In 1968, became head of the Health Physics Section, becoming one of the youngest managers in NASA's history. Dr. Earls is also an adjunct professor at Cuyahoga Community College and Cleveland State Univ. and has received numerous awards for academic and professional excellence. Among these are: honored by Ohio House of Representatives for contributions to the community and the state, 1974; former president of the National Technical Association; and Distinguished Young Black American, 1973.

In 1979 Dr. Earls was selected by NASA to attend the program for management development at Harvard Business School. He is currently Chief, Health, Safety and Security Division at Lewis Research Center.

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Nettie D. Faulcon

An honor graduate of Norfolk State College with a B.S. degree in Physics, Faulcon also received a Master of Science degree in Engineering from George Washington University in 1978.

Faulcon began with NASA as a co-op student in 1967 at the Langley Research Center, where she received training in various divisions. In 1970 she joined the professional staff as an aerospace technologist assigned to the Instrument Research Division. In this position she performs research in acoustic and structural dynamics instrumentation, using a mini-computer centered system. Faulcon has authored several technical papers and is a member of the National Technical Association (N.T.A.). She is also listed in *Who's Who in the South and Southwest*, 1980.



Clyde Foster

A 1954 graduate of Alabama A & M University with a B.S. degree in Mathematics and Chemistry; has also done post-graduate work in Mathematics at Alabama A & M University and the University of Alabama.

A native of Birmingham, Alabama, Foster joined NASA in 1960 as a computer specialist, when the Marshall Space Flight Center was created. He has served as a mathematics instructor in the Center's Computation Laboratory and is currently the Director of the Center's Equal Opportunity Office. He is very active in his community of Triana, Alabama, where he has served as Mayor for many years. Foster has received numerous citations and awards. Among his NASA awards are the Apollo Achievement Award and the Commendation Achievement Award.

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Jane N. Foster

Foster studied at the University of Washington in Seattle, Washington and is a native of Cordova, Alaska.

In 1963 she joined NASA's Wallops Flight Center, providing clerical support in the Safety and Quality Assurance Engineering Branch. In 1974 she became an administrative assistant in Wallops' Management Branch. Foster is now an administrative specialist and is in charge of the Wallops scientific and technical information program.



Fabiola C. Frank

A graduate of the University of Florida, Fabiola received a B.A. degree in Architecture. She also received a Master's degree in Business Administration.

Ms. Frank joined NASA in 1979 at the Kennedy Space Center as an aerospace engineer. Her responsibilities include the testing, checkout, launch preparation, and in-flight operations support of the orbiter.

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Joseph Fuller

Fuller has a B.S. degree in Physics and Mathematics from Texas Southern University and an M.B.A. from the University of Houston.

Fuller joined the Johnson Space Center as a flight controller, working on mission planning and operations for Gemini, Apollo, and Skylab. In 1975 he went to Headquarters in the Administrator's office as a staff assistant. In 1977, he became Shuttle Spacelab Payloads Project Manager at the Goddard Space Flight Center, where he was responsible for managing the development, integration, and operations of Spacelab missions. Since April 1979, Fuller has held the position of Tiros Project Manager. He was responsible for developing and placing into operation the National Oceanic and Atmospheric Administration polar orbiting meteorological satellite system. He was recently promoted to the position of Deputy Director, Applications Directorate.



Isaac T. Gillam IV

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Received a B.A. degree in mathematics from Howard University, Gillam first joined NASA in 1963 as a resources management specialist. In 1966 he was appointed Assistant Program Manager for the Delta Launch Vehicle and became Delta Program Manager in 1968. He was appointed Program Manager of Small Launch Vehicles and International Projects in 1973. Gillam has held the position of Director of Shuttle Operations at Dryden Flight Research Center. In November 1977, he became Acting Director and later Director of Dryden Flight Research Center. Among his numerous awards, Gillam received NASA's highest award, the Distinguished Service Medal. He is currently the Assistant Associate Administrator for policy in the office of Space Flight at NASA Headquarters.



Yvette B. Gilmore

Mrs. Gilmore was born in Washington, D.C., but reared primarily in Richmond, Virginia. She attended Howard University where she earned both the Bachelor's and Master's degrees in Psychology. Mrs. Gilmore is currently employed as an employee development specialist at NASA Headquarters. Her primary role is that of Coordinator of the Headquarters Upward Mobility Program. This includes identifying and staffing upward mobility positions, working with employees in the development of individual development plans, and providing career counseling services. Additional functions include the development and coordination of training programs for the Presidential Management Interns, Veteran's Readjustment Appointees, and student employees.

Mrs. Gilmore began her career with NASA in 1971 when she was hired as a student aide. After completing this tour of duty she was converted to a permanent appointment and was later selected for the Headquarters Personnel Intern Program. Mrs. Gilmore worked in most of the areas of personnel and was elected to a permanent assignment in employee development about 3 years ago.

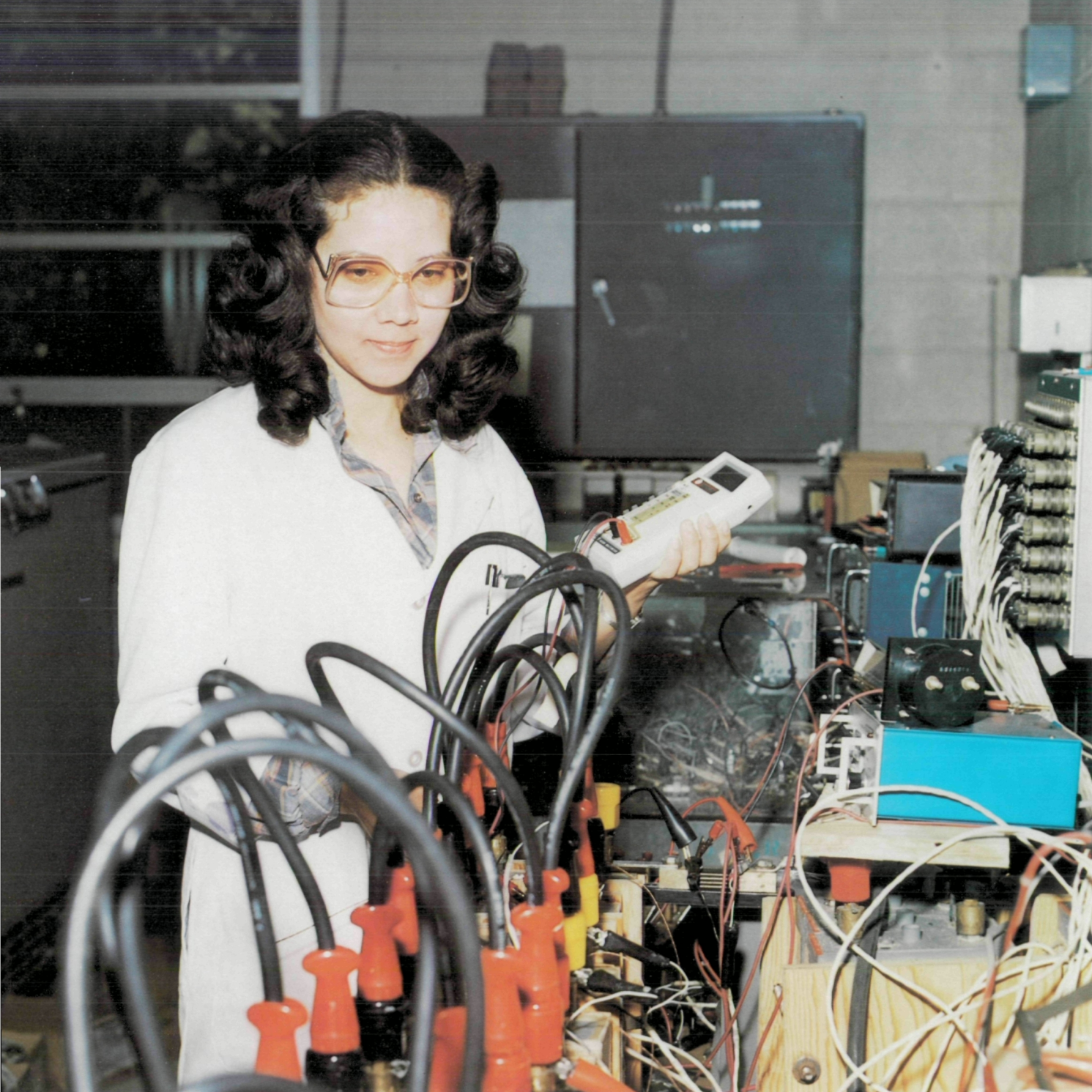


Ralph Gonzalez

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A graduate of Texas A & M University with a B.S. degree in Aeronautical Engineering, he has continued his graduate studies in engineering at the University of Southern California and in physics at the University of Houston.

Mr. Gonzalez, a member of the Space Shuttle Program Management Team, is responsible for spacecraft systems design interface with ground support systems. Prior to his current assignment as technical manager, Gonzalez served as a flight systems engineer at the Johnson Space Center on numerous NASA space projects. He is the recipient of several professional service awards, among which is the Presidential Medal of Freedom Award for participation as a member of the Apollo 13 Mission Operations Team.



Olga D. Gonzalez-Sanabria

Received a B.S. degree in Chemical Engineering from the University of Puerto Rico.

Olga joined the Lewis Research Center staff in April 1979 as an aerospace engineer in the Electrochemistry Technology Section and the Solar and Electrochemistry Branch. Her work has been primarily in research and development of battery separators. She has been in charge of the necessary laboratory work to evaluate and characterize the battery separators. She has also been involved in grant evaluation which has given her the opportunity to work with university researchers.



Carl E. Grant

Grant received a B.S. degree in Economics and Business Administration from the University of Detroit. He completed an Executive Development Program at the Federal Executive Institute, Charlottesville, Va.

Grant was appointed to the position of NASA Director of Personnel in 1976. He is located at NASA Headquarters where he is responsible for personnel program administration agency wide.

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NASA

National Aeronautics and
Space Administration

Community and Education Services



Dr. Curtis M. Graves

A graduate of Texas Southern University, Graves received a B.A. degree in Business Administration. He has also been awarded two honorary Doctorate degrees, one from Union Baptist Bible College in Houston, Texas and the other from the University of Texas-San Antonio. Before coming to NASA Headquarters, he was Managing Associate and Director of Continuing Education for the National Civil Service League in Washington, D.C. He also served six years as a member of the Texas House of Representatives. Graves has also worked for two Houston newspapers serving as editor for one and advertising manager of the other. Graves is the Deputy Director of Public Affairs for Academic Services at NASA Headquarters. In this capacity he is responsible for all the agency's contacts with the various levels of the academic community and the learning public.



Frederick D. Gregory

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Received a B.S. degree from the United States Air Force Academy in 1964; Gregory also holds an M.S. degree in Information Systems from George Washington University.

From 1971 until 1977, Gregory was research/engineering test pilot for the Air Force at Wright-Patterson Air Force Base and for NASA at Langley Research Center. He has flown more than 40 different types of military and civilian aircraft including gliders. He has logged over 4,100 hours flight time and holds an FAA commercial and instrument certificate for single- and multi-engine and rotary aircraft. He has authored several papers in the areas of aircraft handling qualities and flight controllers.

Colonel Gregory was selected as an astronaut candidate by NASA in 1978 and is now eligible for assignment as a pilot on future space shuttle flight crews. He has received many military awards and is a member of several military and civilian organizations. He has been assigned to Shuttle Flight No. 18 as a pilot.



Norman T. Grier

A 1956 graduate of Clark College (Atlanta, Ga.) with a B.S. degree in Mathematics and Physics; earned an M.S. degree in Physics from Case Western Reserve University in 1968.

Grier was the recipient of the G.W. Taylor Award at Clark for maintaining the highest average in math. He has authored approximately 30 technical papers and is the recipient of a NASA recognition award for contribution to the Plasma Interaction Experiment Satellite Team. He is located at the NASA Lewis Research Center in Cleveland, Ohio.



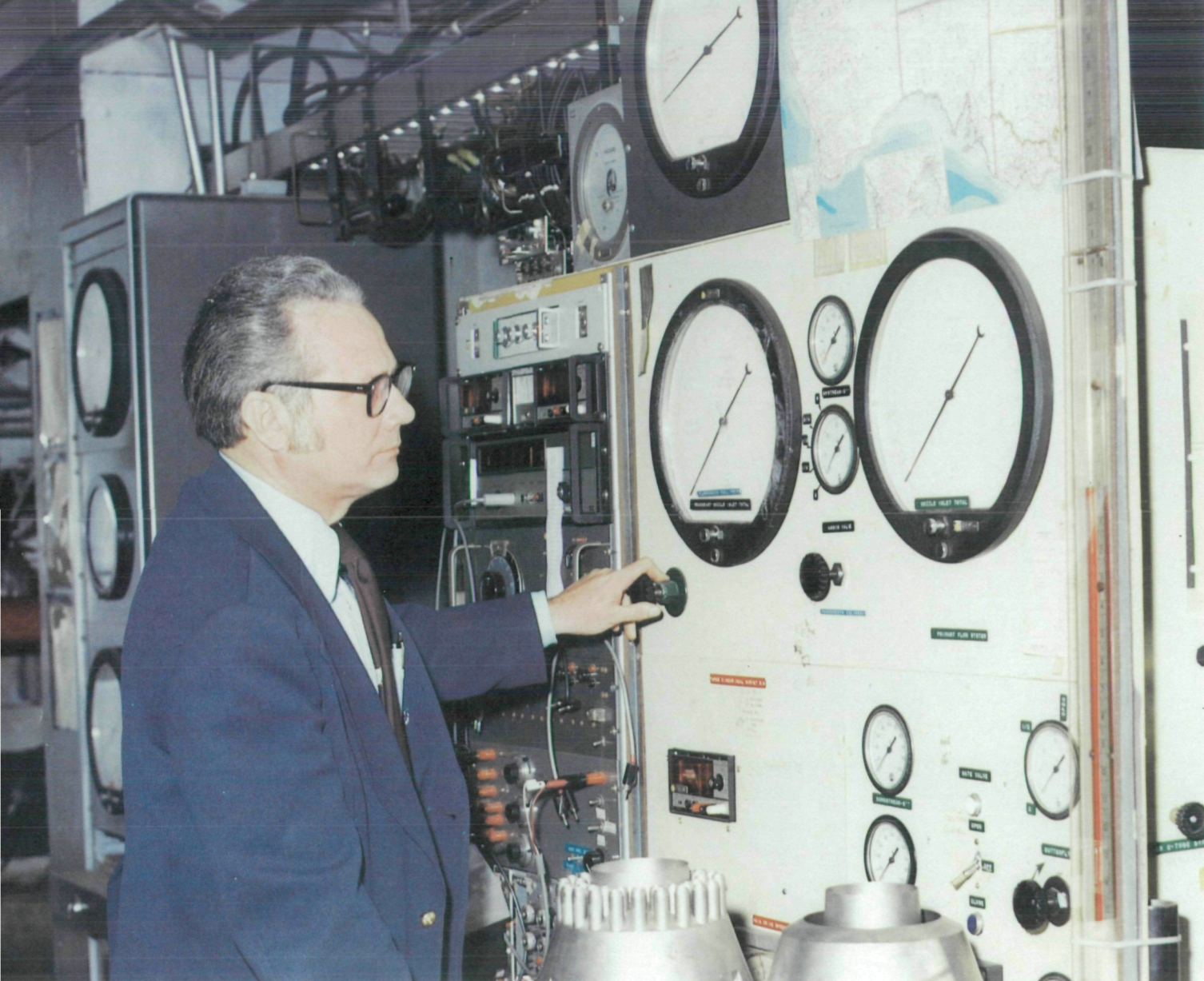
Cynthia Gutierrez

Cynthia Gutierrez is currently working as a mathematician in the Software Section of the Computer Services Division at the NASA Lewis Research Center. Prior to graduating from Oberlin College, (Oberlin, Ohio), Gutierrez was employed during summer breaks at NASA-Lewis as a mathematics technician and in Cleveland as a clerk in the U.S. Navy Finance Center.

In 1979, she completed a Bachelor of Arts degree majoring in mathematics from Oberlin College and a Bachelor of Music degree majoring in bassoon performance from the Oberlin Conservatory of Music. Gutierrez continues to be involved in music by participating in various musical organizations and teaching private music lessons.

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Orlando A. Gutierrez

Received his B.A. in Mechanical Engineering at Rensselaer Polytechnic Institute; has also done graduate work in mechanical engineering.

Born in Havana, Cuba, Mr. Gutierrez joined NASA in 1961 and has been primarily involved in jet acoustic studies both as researcher and program manager. In his early years with NASA, he worked on liquid metal power plants for space applications. Gutierrez is the author or co-author of more than 15 papers on heat transfer and acoustics. In addition to his other duties, he also acts as the NASA-Lewis Hispanic Employment Program Manager. In 1982, he participated in NASA's Career Development Program at NASA Headquarters.



James L. Harris

Received a Bachelor of Science degree in Mathematics from Virginia State College, a Master of Science degree in Mathematics from the College of William and Mary and a Master of Science degree in Administration from George Washington University.

Harris joined NASA in 1965 at the Langley Research Center as a mathematician. He spent one year at NASA Headquarters in Washington, D.C., as a management intern in NASA's Career Development Program. In his current position in the analysis and computer division, Harris assists in the fiscal and technical management of the Central Computer Complex.



Jessie J. Harris

Received B.A. in Sociology from Virginia Union University, Richmond, Va.; has been awarded a Master's Degree in Social Work by Virginia Commonwealth University; named in Who's Who in American Colleges and Universities and is a member of the Alpha Kappa Alpha Sorority.

Harris joined NASA Headquarters in 1978 as Resources Management Specialist in the Office of Management Operations, Institutional Operations Division. She is responsible for the analyses necessary for the budgeting and control of resources, both manpower and funding, for two of NASA's largest field Centers.



Dr. Philip E. Hodge

A Magna Cum Laude graduate of West Virginia State College, with a B.S. degree in Mathematics and Chemistry, Hodge also holds a Ph.D. in Physical Chemistry from Case Western Reserve University.

He joined NASA in 1976 at the Lewis Research Center and works as a research physical chemist in the Surface Protection Branch of the installation. His position involves research on ceramic coatings for turbine vanes and blades. Hodge is a member of the National Technical Association, Inc., and shared an IR-100 award for his work on a Corrosion Resistant Ceramic Thermal Barrier Coating in 1979. In 1980 Dr. Hodge was selected to participate in NASA's Career Development Program for future executives at NASA Headquarters.

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Gordon House

Born in Oneida, Wisconsin, House was graduated from Hasbell Institute, Lawrence, Kansas. He joined NASA in 1963 at the Kennedy Space Center. Since transferring to the Johnson Space Center, he has been assigned to various orbiter subsystems and payloads as the Quality Assurance Specialist.



Mary W. Jackson

A graduate of Hampton Institute with a B.S. degree in Mathematics and Physical Science, Ms. Jackson is currently doing graduate study in public administration at Golden Gate University.

Ms. Jackson joined NASA's Langley Research center in 1951 as a research mathematician and worked in the installation's computer section and the compressibility research division. She entered the Center's Engineer-in-Training career development program, and, in 1958 qualified as an aeronautical engineer. Her engineering position (1958-1978) involved boundary-layer research studies. Jackson now serves as Federal Women's Program Manager in the Office of Equal Opportunity Programs. In this position, she plans, develops and implements programs to assure equitable consideration of women in job placement, training and advancement. She serves as the Center's representative in outreach programs focusing on greater effectiveness of women's programs. She is listed in the 1975-79 editions of Community Leaders and Noteworthy Americans, was featured in Ebony Magazine's Special Issue "The Black Woman," August 1977, and is a member of the National Technical Association, Inc.

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James L. Jennings

A graduate of Alabama A & M University, where he received a B.S. degree in Mathematics and Physics, Jennings has also earned a Master of Business Administration from Alabama A & M, and a Master of Administrative Science from the University of Alabama at Huntsville.

Jennings began his career with NASA as a co-op student in 1967 at the Marshall Space Flight Center. In 1975 he spent one year at NASA Headquarters in the Career Development Program. Jennings has held several positions at the Marshall Space Flight Center in the Computer Services Office and the Comptroller's Office. He now serves in the Kennedy Space Center Comptroller's Office as Chief of the Shuttle Operations Resources Management Branch where his responsibilities are to provide advice, consultation, and staff assistance in the preparation and analysis of financial affairs and management of resources.

He is a member of the National Technical Association, Inc.



Dr. Patricia Cowings-Johnson

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A graduate of State University of New York at Stony Brook, Dr. Cowings received a B.A. degree in Psychology. She was also awarded an M.A. and a Ph.D. in Psychology from the University of California at Davis.

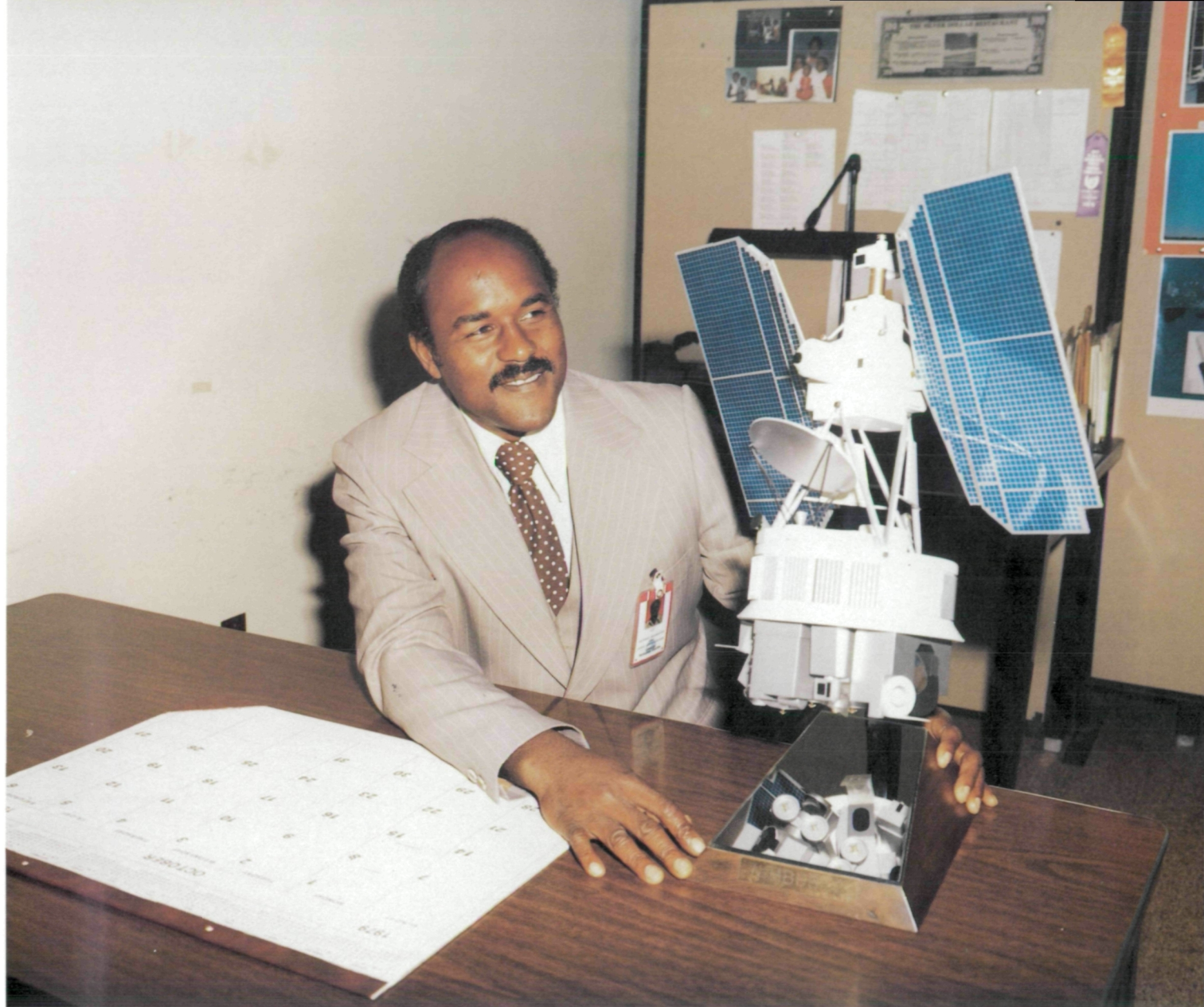
Born in New York City, Dr. Cowings initially joined NASA in 1971 at the Ames Research Center, working as a research assistant and then a research psychologist in its Summer Student Program. She is presently a research psychologist in the Biomedical Research Division. In this capacity she is currently engaged in research directed toward documenting autonomic manifestations associated with the onset of motion sickness. She has received several honors and awards and has authored numerous publications on autonomic responses and motion sickness.



Eddie J. Jung, Jr.

Bachelor of Science degree in Electrical Engineering from Southern Methodist University and Master's in Business Administration degree from the University of Houston at Clear Lake City, Texas.

Mr. Jung joined NASA at the Marshall Space Flight Center in 1962 and moved to the Johnson Space Center in 1964 as an instrumentation and data systems engineer in the Structures and Mechanics Division. Jung was responsible for developing and implementing specialized instrumentation and data systems to support Gemini, Apollo, and Skylab vibration test programs in the Vibration and Acoustics Test Facility. During the Apollo-Soyuz Test Project dynamic docking test program, he had the prime responsibility for the complete data acquisition/processing system. Jung directed the development of an automated computer system in the arc tunnel test facility for shuttle thermal protection system testing. Presently, Jung is responsible for developing data processing systems to process Orbiter experiments and JSC aircraft sensor data.



Robert B. Lee III

Received a B.S. degree in Physics from Norfolk State College; Lee holds a Masters degree in Engineering Physics from the University of Virginia. He has also attended George Washington and Old Dominion Universities for advanced studies in atmospheric science and physics.

In 1964 Lee joined NASA as a co-op student at the Langley Research Center. He joined Langley's professional staff in 1966, doing research related to material science and space optics. He is currently serving as the center's Equal Opportunity Officer. Lee has received a Langley Special Achievement Award as well as the National Urban League Achievement Award under the Black Executive Exchange Program.



John E. Leonard

Born in Shawnee, Oklahoma, Leonard received B.S. and M.S. degrees in Mathematics and Education from North Texas University.

Mr. Leonard joined NASA in 1962 as a Data Systems Analyst at the Johnson Space Center. He has served as section head and branch chief working on the design of a variety of computer systems to perform data acquisition analysis and control. He is currently working in Utility Control Systems designed to monitor and control the use of energy in large environment control systems. He has received several group achievement awards for work on Gemini, Apollo, and Skylab.



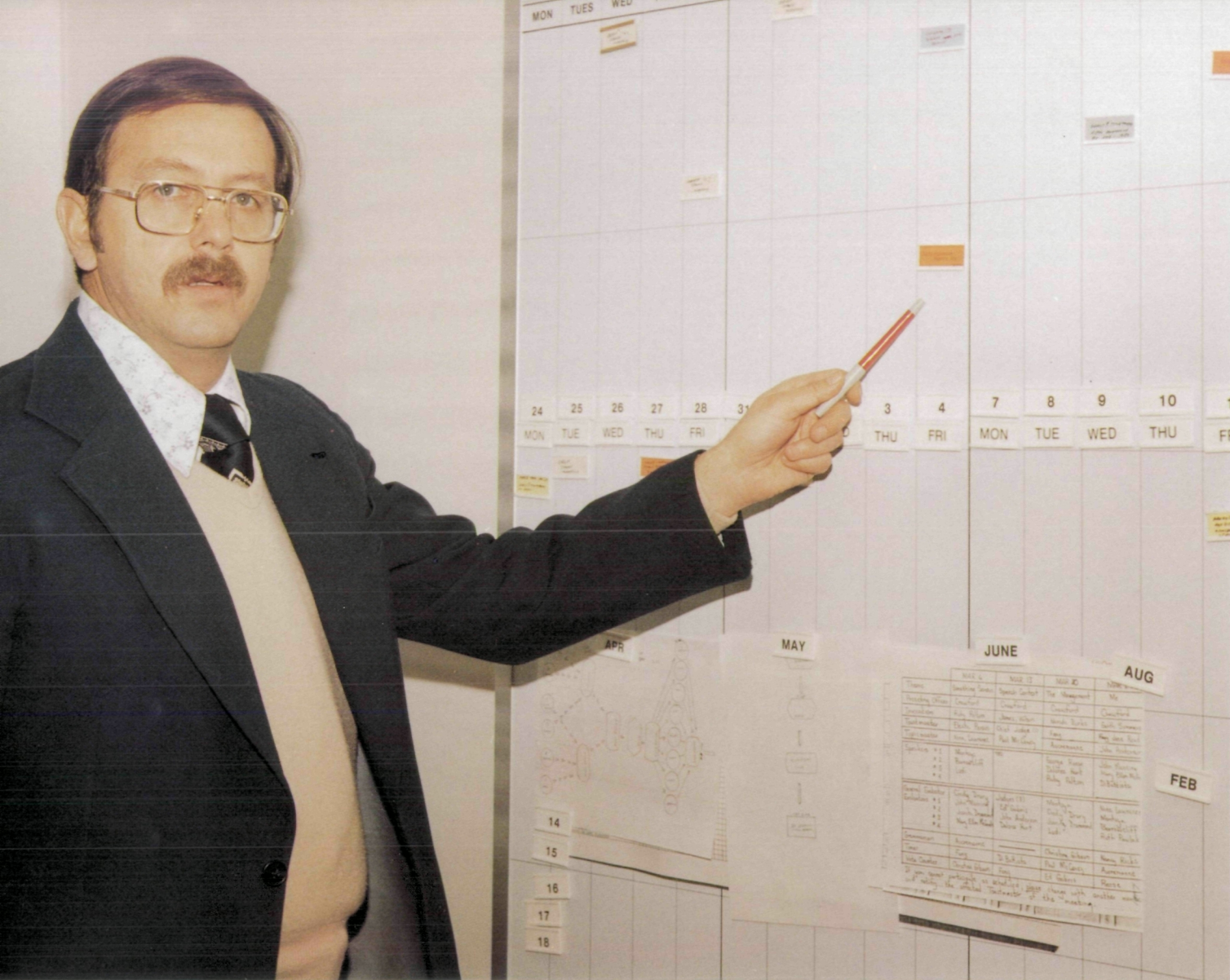
Dr. Irene D. Long

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After receiving a B.S. degree in Biology from Northwestern University in 1973, Dr. Irene Long went on to pursue a medical degree from the St. Louis School of Medicine. Fulfilling a childhood dream to go into aerospace medicine, Dr. Long enrolled into the Wright State University School of medicine—this time receiving a M.S. degree in Aerospace Medicine.

A native of Cleveland, Ohio, Dr. Long joined NASA in 1981 as part of a residency program at Ames Research Center in Mountainview, Ca. In her present capacity as Chief of the Research Support Branch at NASA's Kennedy Space Center, Dr. Long oversees the research which deals with life science experiments in support of physiology of weightlessness. In addition, Dr. Long has plans for researching problems of calcium loss and changes in the red blood cell volume of space travelers.

Looking forward to future travels in space as a medical officer, Dr. Long encourages other Blacks to pursue the areas of science and technology.



Alfonso J. Ludi

Mr. Ludi was born in Las Vegas, New Mexico. Following high school, he spent three years in the U.S. Navy. He subsequently enrolled and completed a four-year undergraduate program at New Mexico Highlands University and graduated with a B.A. degree in Political Science and Economics in 1963. He is currently enrolled in a Master's Degree Program in Public Administration with the University of Southern California's Washington Public Affairs Center in the District of Columbia.

Mr. Ludi currently serves at the NASA Headquarters as the Director of the Affirmative Action and Program Evaluation Division in the Office of Equal Opportunity Programs. He is responsible for the planning, development, management and review of agencywide equal opportunity programs such as Agency Affirmative Action Plans, Equal Opportunity Program Evaluation, Community Outreach, Minority Business Enterprise, and other internal and external agencywide EO programs. Mr. Ludi has been in this assignment since December 1978. Previously, he had served as the Agencywide Hispanic Employment Program Manager. Before joining NASA in 1974, he was a Personnel Management Specialist at the Department of Transportation.



Elsie Beatrice McGowan

A graduate of New Mexico Highlands University in Las Vegas, New Mexico, with a B.S. degree in Mathematics, McGowan also received an M.B.A. degree in Management from Pepperdine University in Malibu, California.

Ms. McGowan started her career with NASA in 1964 as a mathematics aide at the Dryden Flight Research Center in Edwards, California. Two and one-half months later she became a computer programmer. From 1973 to 1975 she served as Computer Operations Project Engineer. Her success led her to the position of Flight Data Processing System Project Engineer responsible for planning, designing, developing and testing the Center's Flight Data Processing System. She then became system's analyst in charge of the Dryden microfiche system. Before beginning her present position as computer systems engineer, she served a year as systems engineer responsible for the integrity of the data pipeline for several research projects. McGowan is a member of the American Management Association and Women in Business.

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Dr. Ronald E. McNair

A graduate of North Carolina A & T State University with a B.S. degree in Physics, McNair also received a Doctor of Philosophy in Physics from Massachusetts Institute of Technology. He was presented an honorary Doctorate of Laws from North Carolina A & T in 1978.

Dr. McNair was selected as an astronaut candidate by NASA in January 1978. In August 1979, he completed a 1-year training and evaluation period making him eligible for assignment as mission specialist on future space shuttle flight crews. He has presented papers in the areas of lasers and molecular spectroscopy, and has given many presentations in the United States and Europe. He will be a mission Specialist on Shuttle Flight 11.



Earl J. Montoya

Received a B.S. in Chemical Engineering from New Mexico State University, an M.B.A. in Management from Golden Gate University and an M.S.M. from the Massachusetts Institute of Technology. He is an MIT Alfred P. Sloan Fellow.

Mr. Montoya began his NASA career in 1961 by working on X-15 airspeed data at the Dryden Flight Research Center. He has twelve years experience in the field of flight testing with emphasis on propulsion systems research. In 1979 he came to Headquarters where he was responsible for directing the Voyager and Pioneer programs. He has also served as Manager, Information Systems Program in the Office of Space and Science and Applications.

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Major Ellison S. Onizuka

Received B.S. and M.S. degrees in Aerospace Engineering from the University of Colorado. Upon graduation Onizuka entered the U.S. Air Force at the McClellan Air Base in California where he served as flight test engineer. In 1974 he attended the USAF Test Pilot school and received instruction in performance, stability, control and systems flight testing. Later Major Onizuka served on the USAF Test Pilot school staff as squadron flight test engineer and subsequently as chief of the engineering support section. He has logged more than 900 hours of flying time in a variety of high performance aircraft. Major Onizuka was selected as a NASA astronaut candidate in January 1978 and after a one-year training and evaluation period he became eligible for assignment as a mission specialist on future space shuttle flights. He will serve on Shuttle Flight 10.



Herbert E. Peete

Received a B.S. degree in Mechanical Engineering from North Carolina A & T State University. He is a mechanical systems engineer in the Propellants and Gases Branch at the NASA Kennedy Space Center, Florida. He is responsible for servicing the space shuttle propulsion subsystems with nypergol propellants and high pressure gases required to support space flight.



James S. Raby

Received a B.S. degree in Electrical Engineering from Illinois Institute of Technology; has done graduate work at San Jose State and Stanford Universities.

Born in Chicago, Illinois, Raby joined NASA at the Ames Research Center in 1959, working on computer systems for motion based flight simulators. As a branch chief, he supervises a team of engineers in the division of advanced motion simulators and computer systems technology. He authored several papers describing real-time software systems for digital computers.

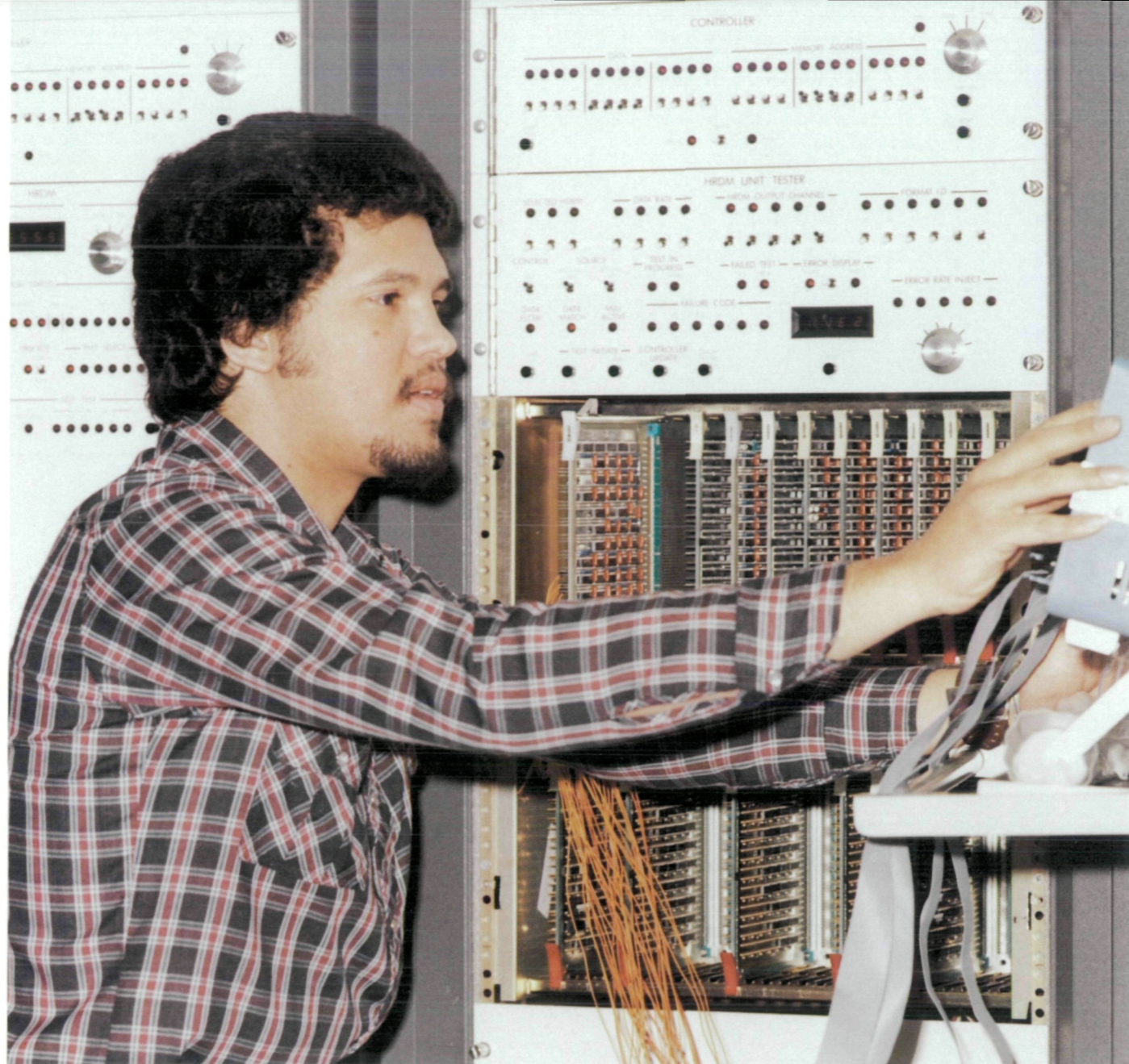
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Lonnie Reid

Received a B.S. degree in Mechanical Engineering from Tennessee State University and an M.S. degree in Mechanical Engineering from the University of Toledo.

Mr. Reid is the head of the Small Compressor Section, Fluid System Components Division. He joined Lewis Research Center in 1961, and since has specialized in fluid flow and compressor aerodynamics. He is responsible for planning and developing research projects to improve the design and performance of small axial and centrifugal compressors.



Orlando Reyes

Received a B.S. degree in Electrical Engineering from the University of Puerto Rico; Reyes is currently doing graduate work at the University of Maryland.

A native of San Juan, Puerto Rico, he joined NASA in 1978 at the Goddard Space Flight Center working in the Spacelab Data Processing Office. In 1979 he was transferred to the Operational Engineering Section of the Data Processing Branch, where his duties include the design of electronic subsystems for data processing systems and the design and analysis of special analog and digital circuits. Reyes has recently been involved with the design of electronic subsystems for the Spacelab Input Processing Facility.



Dr. Eugenia Kalnay-Rivas

Received a B.S. degree from the University of Buenos Aires, and a Ph.D. in Meteorology from the Massachusetts Institute of Technology (MIT), where she later taught as an associate professor.

Dr. Kalnay-Rivas was born in Buenos Aires, Argentina, and came to NASA's Goddard Space Flight Center in 1979, joining the Modeling and Simulation Facility of the Laboratory for Atmospheric Sciences. Her fields of research are dynamic meteorology and numerical weather prediction. She developed a new global atmospheric model which is being used to study the impact of satellite data on weather forecasting and extended range predictability.

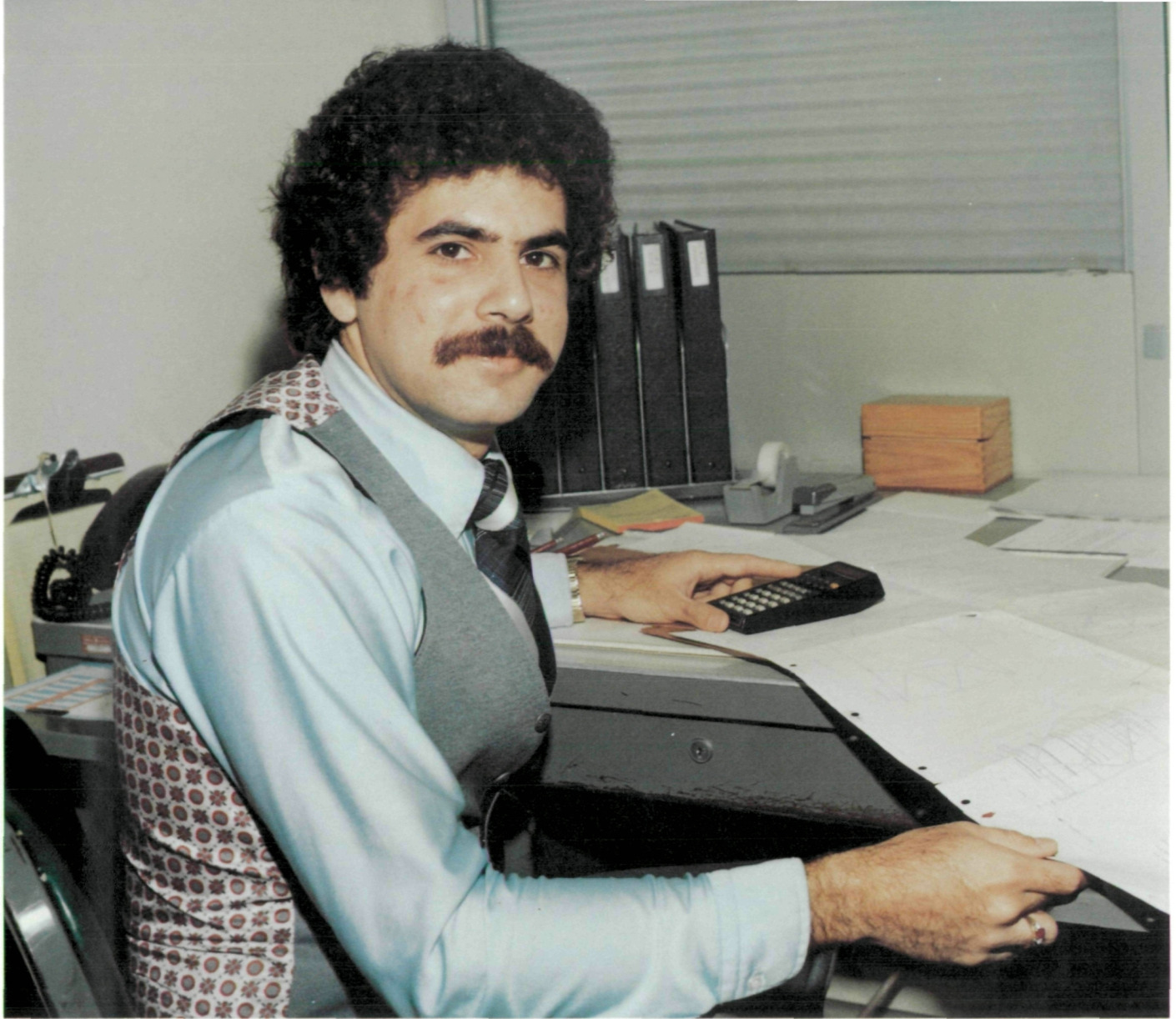
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Manuel Rodriguez

A graduate of Texas A & M University with a B.S. degree in Mechanical Engineering.

Mr. Rodriguez began work in the Crew Systems Division of the Johnson Space Center as a systems engineer in September 1965. It is in this capacity that Mr. Rodriguez resolved many interfaces between the EMU (extravehicular mobility unit) and the spacecraft during the Skylab and Apollo space programs. As a test manager Rodriguez has been responsible for the conduct of many space transportation tests. He is currently the Test Manager for the thermal vacuum certification test of the Shuttle.



Miguel A. Rodriguez

Received his Bachelor of Science degree in Mechanical Engineering from the University of Puerto Rico and an M.S. from the University of Alabama in Huntsville.

Rodriguez is an aerospace systems engineer responsible for acceptance testing, transportation, documentation, etc. of the upper stages of launch vehicles through facilities at the Kennedy Space Center.



Dr. Raymond E. Rose

Received his B.S. in 1951 from the University of Kansas and his M.S. and Ph.D. in 1956 and 1966, respectively, from the University of Minnesota; all in Aerospace Engineering. He was a Research Fellow at the University of Minnesota from 1962 to 1966; and a Research Scientist to Project Staff Engineer/Supervisor at Honeywell during 1966-76.

Dr. Rose joined NASA Headquarters in 1976 and is now Program Manager, General Aviation, in the Subsonic Aircraft Office. Dr. Rose was honored as the 1980 recipient of NASA's Space-Ship Earth Award for the many years he has worked to encourage disadvantaged young people to improve and educate themselves, especially for careers in science and engineering. Before joining NASA, he did research involving advanced helicopter aerodynamics, and studies of the shock-swallowing concept for aircraft supersonic air data sensing and supersonic parachute stability. He has a patent on a supersonic air data sensor that uses this principle and has authored or co-authored more than 20 technical publications. He is a member of Sigma Gamma Tau, Sigma Tau, and Tau Beta Pi honorary engineering societies, and is listed in American Men and Women of Science.

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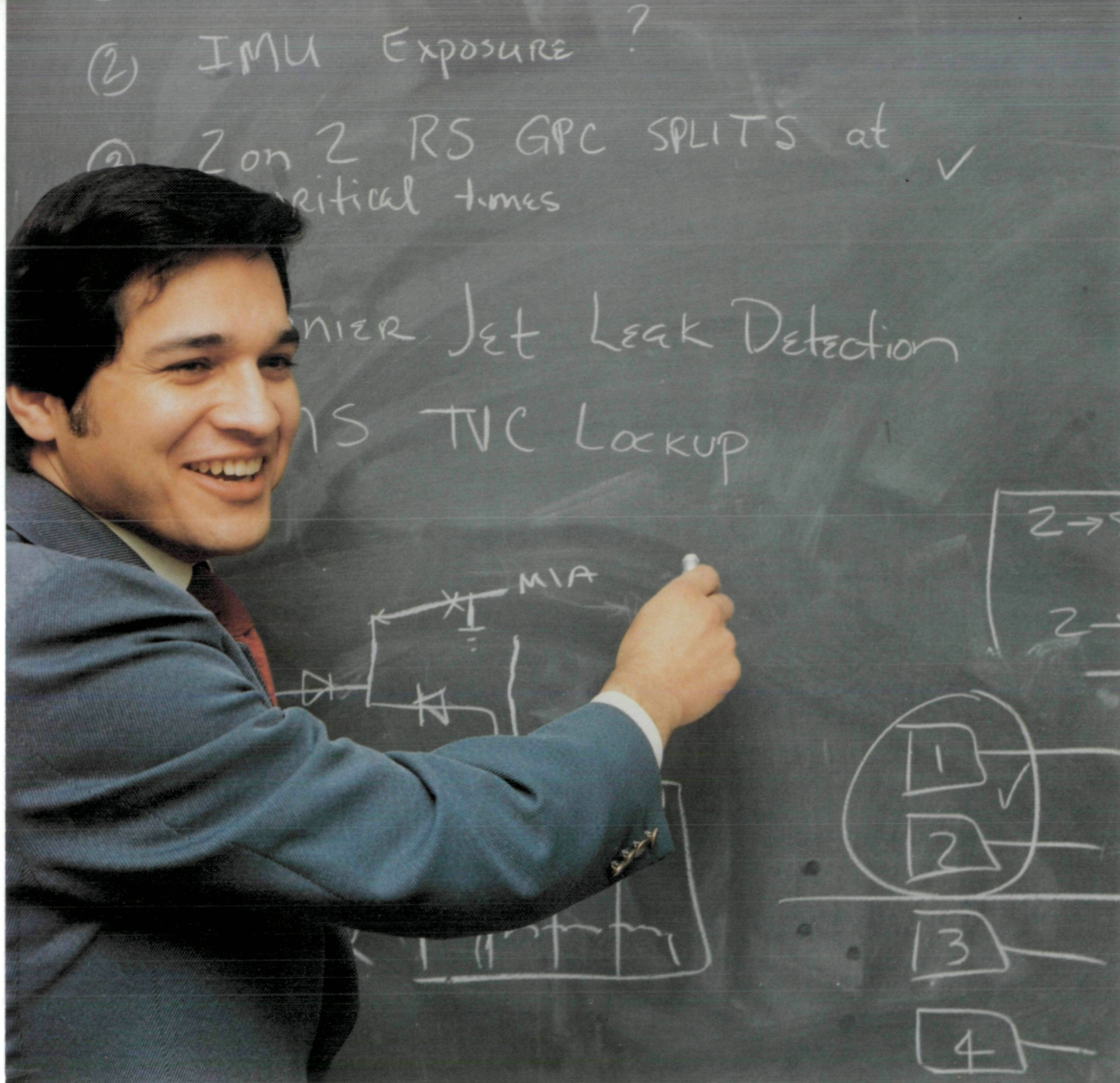


Lawrence W. Rucker

Attended Syracuse University and Golden Gate University where he received his M.S. degree in Business Administration.

Rucker is the Director of the Procurement Division for NASA's Dryden Flight Research Facility, Edwards, California. He is responsible for planning and directing the Center's procurement and supply program. Prior to joining NASA, Rucker served as Deputy Chief of Procurement and Chairman of the Procurement Committee at Edwards Air Force Base. Rucker recently served as a consultant to the Defense Intelligence Agency on Procurement Authority, Organizational Structure, Personnel and other areas. He is also the author of several technical papers on procurement and contracts.

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Rudolph L. Saldana

Mr. Rudolph L. Saldana has been employed at the NASA Johnson Space Center for the past 13 years. He received his B.S. from Texas Christian University and his Master's degree in statistical and analytical mathematics at Rice University. After working on the navigational aspects of the Apollo missions and on the environmental requirements for Space Shuttle, he helped to organize the Space Shuttle redundancy management team.

In particular, as senior project engineer, he directed the performance of advanced design work to define and evaluate the redundancy management associated with all the avionics system's hardware and software. This effort includes the design, hardware/software integration, verification and flight qualification of the redundancy management. He is now assigned as special technical assistant to the Center Director.



Abelino B. Sanchez

Graduate of North Texas State University with a B.A. in Mathematics.

Mr. Sanchez joined Johnson Space Center's Flight Controller Operations during the Apollo and Skylab Programs. He was transferred to manage the Earth Resources photography cataloging and indexing operations and the Aircraft Earth Resources Information Management System.

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Antonio Santiago, Jr.

A 1976 graduate of the University of Puerto Rico, where he received a Bachelor of Science degree in mechanical engineering.

Santiago is an aerospace technologist for environmental control at the Kennedy Space Center. He serves as a systems engineer with responsibility for testing, checkout, launch preparation, and recovery operations and associated computer programs for space transportation vehicles.



James O. Scales

Received a B.S. degree in mechanical engineering from Prairie View A & M University and has done graduate work in engineering and management at UCLA, USC, and Univ. of Houston.

Scales joined NASA in 1962 at the Dryden Flight Research Facility and performed stability and control analysis of the X-15 research aircraft. He has worked at Johnson Space Center on flight mission simulations for all transportation spaceflights of the Gemini through Skylab programs. As an aerospace engineer, he has served as instructor for astronaut training on spaceflight missions and vehicle systems. Currently, he is a systems engineering manager for space transportation system simulations responsible for technical performance of JSC's simulator contract.



Jeanette A. Scissum

Received a B.S. degree in Mathematics and Science and an M.S. degree in Mathematics from Alabama A & M University; has done graduate work in computer science at Michigan State University.

As a computer systems analyst at NASA Headquarters, Scissum is responsible for analyzing and directing overall approaches and standards for development and implementation of NASA management information and technical support systems. Scissum appeared in the 1973 issue of *Who's Who among Women in America* and during 1974 was presented the NASA Equal Employment Opportunity Award for exceptional contributions to equal employment opportunity at the Marshall Space Flight Center. She is a member of the National Technical Association.



Raymond Serna

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Received a B.S. degree in Aerospace Engineering from Texas A & M University in 1971. He has also done graduate work at the University of Houston.

Serna joined NASA's Johnson Space Center in 1976 after working for 5 years at Rockwell International. He is an aerospace engineer performing in the areas of thermal control design, analysis, and evaluation of space craft systems and equipment for all mission environments. Serna has been involved with several past space programs including Apollo Soyuz Test Project, and Space Shuttle Approach, and Landing Test. He is currently supporting the Space Shuttle program in the area of thermal control, and is a member of the flight control mission evaluation team.



James A. Smith

A graduate of Tennessee State with a B.S. degree in Mathematics; Smith also received an M.S. degree in Systems Management from Florida Institute of Technology.

Smith began a career with NASA in 1963 as a technical management specialist at the Kennedy Space Center. In 1966 he became resources management specialist and subsequently, Chief of Information Systems, Resources Management Section. He came to NASA Headquarters in 1977 as Director of the Functional Analysis Division, where he made plans for improvement of the NASA Institutional Management Process. Presently, Smith is Chief of the Resources Management Branch in the Office of Management. He is a member of the National Technical Association.

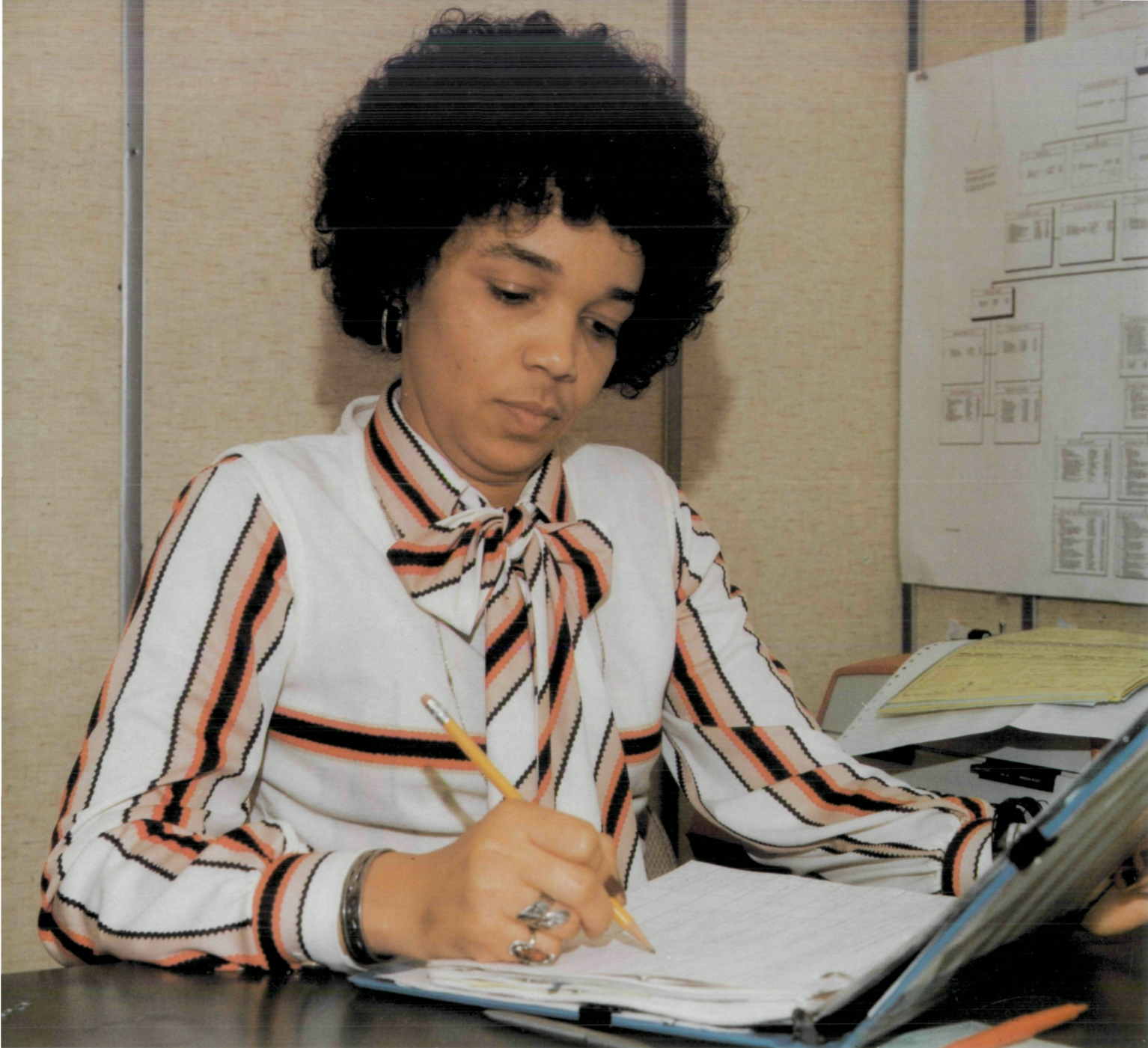


Carrington H. Stewart

A graduate of Prairie View A & M University, with a B.S. degree in Electrical Engineering, Stewart also holds a Master's degree in Electrical Engineering from the University of Houston.

Stewart began work at the Johnson Space Center in 1962 as a development engineer in electro-acoustics. Since that time, he has served as a project engineer in Apollo and Skylab, and is responsible for design, development, and test of Orbiter audio system. At present, he is an aerospace engineer and holds two U.S. patents for electronic designs. He was selected to spend one year at NASA Headquarters in the Agency's Career Development program for future executives. He is a member of the National Technical Association.

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Inellia F. Sullivan

A graduate of Alabama A & M University with a B.S. degree in Business Education, Ms. Sullivan was born in Huntsville, Alabama.

In 1968 Sullivan joined NASA as a secretary at the Marshall Space Flight Center. She was selected for an administrative position through the Specialty Training for Entry Professionals Program (STEP) in 1975. Sullivan is an administrative officer for a large technical laboratory and is responsible for developing management techniques and controls in order to provide an effective and responsive administrative management program.



Phyllis D. Stovall-Tanksley

Born in Galveston, Texas; attended Dominican College where she was Freshman and Sophomore Class President and President of Alpha Mu Gamma Honor Society. In 1975 transferred to Texas A & M University where she received a B.S. in Mathematics and was named outstanding and distinguished student.

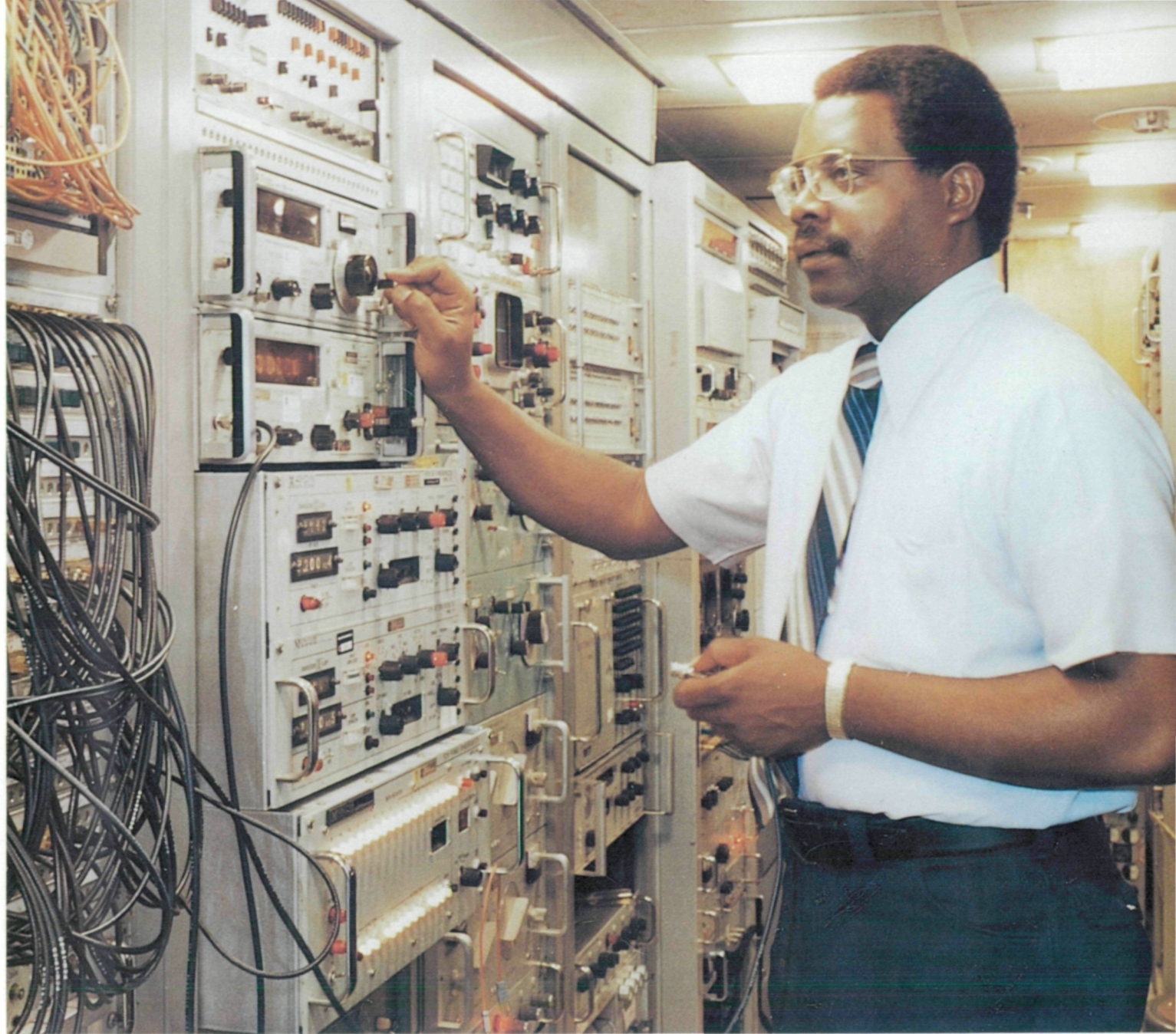
Miss Stovall began at NASA's Johnson Space Center as a junior co-op in 1973; joined the Co-op Program in 1974, and became a permanent employee in the Program Operations Office in 1978. She is presently involved in the Engineering Evaluations Office as an electromagnetic interference analyst. Her position also involves circuit and lightning analysis. She is a member of the National Technical Association.

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Harold Perry Washington

A graduate of Virginia Union University with a B.S. degree in Mathematics. Washington joined the NASA staff in 1957 as an aerospace engineer. In 1972 he was Branch Chief of the Aeronautical Engineering Division at the Dryden Flight Research Facility. Presently he holds the position of Deputy Chief of the Aeronautical Engineering Division. He has written several technical papers and has received many achievement awards.



Donald L. Wood

A graduate of Howard University with a B.S. degree in Electrical Engineering, Wood is also pursuing graduate work in Electrical Engineering at George Washington University.

Wood joined NASA in 1975 as an electronics engineer. Since that time, Wood has planned, conducted, and analyzed the ground support system for satellites whose missions entailed communication, meteorological, and astronomical studies. Wood is now working as an electrical systems engineer for the Space Telescope satellite program at the Goddard Space Flight Center.

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Suey T. Yee

Suey T. Yee was born in Canton, China. He received a B.S. and M.S. degree in civil engineering from Ohio State University. Mr. Yee joined the Lewis Research Center in 1963 as a design engineer in the Facilities Engineering Division. He was appointed Head, Structural Design Section, in 1974.

Official Addresses and Information Telephone Numbers of NASA Installations

		FTS	Information No.
HEADQUARTERS	National Aeronautics and Space Administration		755-2320
	(Note: No street address is to be used)		
	Washington, DC 20546		
ARC	Ames Research Center	8	448-5000
	National Aeronautics and Space Administration		
	Moffett Field, CA 94035		*(415-965-5000)
DFRF	Hugh L. Dryden Flight Research Facility	8	961-8311
	National Aeronautics and Space Administration		
	P.O. Box 273		
	Edwards, CA 93523		*(805-258-3311)
GSFC	Goddard Space Flight Center		344-7000
	National Aeronautics and Space Administration		
	Greenbelt, MD 20771		*(301-344-5042)
GISS	Goddard Institute For Space Studies	8	664-5500
	National Aeronautics and Space Administration		
	2880 Broadway		
	New York, NY 10025		*(212-678-5500)
JPL	Jet Propulsion Laboratory	8	792-4321
	4800 Oak Grove Dr.		
	Pasadena, CA 91103		*(213-354-4321)
JSC	Lyndon B. Johnson Space Center	8	525-3111
	National Aeronautics and Space Administration		
	Houston, TX 77058		*(713-483-3111)
KSC	John F. Kennedy Space Center	8	823-7110
	National Aeronautics and Space Administration		
	Kennedy Space Center, FL 32899		*(305-867-7113)
KSC—WOSO	KSC STS Resident Office (Vandenberg AFB)	8	785-3001
	National Aeronautics and Space Administration		
	P.O. Box 425		
	Lompoc, CA 93438		*(805-866-5859)
LaRC	Langley Research Center	8	928-1110
	National Aeronautics and Space Administration		
	Hampton, VA 23665		*(804-827-1110)
LeRC	Lewis Research Center	8	294-6000
	National Aeronautics and Space Administration		
	21000 Brookpark Rd.		
	Cleveland, OH 44135		*(216-433-4000)

*Commercial Number.

		FTS	Information No.
MSFC	George C. Marshall Space Flight Center	8	872-2121
	National Aeronautics and Space Administration		
	Marshall Space Flight Center, AL 35812		*(205-453-2121)
MICHOUD	Michoud Assembly Facility	8	685-3311
	National Aeronautics and Space Administration		
	P.O. Box 29300		
	New Orleans, LA 70189		*(504-255-3311)
NASA JPL	NASA Resident Office-JPL	8	792-5359
	4800 Oak Grove Drive		
	Pasadena, CA 91103		*(213-354-5359)
NSTL	National Space Technology Laboratories	8	494-2211
	National Aeronautics and Space Administration		
	NSTL Station, MS 39529		*(601-6688-2211)
SLIDELL	Slidell Computer Complex	8	685-3311
	1010 Gause Blvd.		
	Slidell, LA 70458		*(504-255-3311)
WFF	Wallops Flight Facility	8	928-5711
	National Aeronautics and Space Administration		
	Wallops Islands, VA 23337		*(804-824-3411)
WHITE SANDS	JSC White Sands Test Facility	8	572-5011
	National Aeronautics and Space Administration		
	P.O. Drawer MM		
	Las, Cruces, NM 88001		*(505-524-5011)

*Commercial Number.

